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tatttttgag cccttccacc tccaagagat atgaccagcg ctaacagtaa ctagctcctc 600  
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<210> 27026  
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<400> 27026

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<400> 27027

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<210> 27028  
 <211> 381  
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 <213> *Aspergillus nidulans*

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 ctgatcggca tcgtctccat acatcccgat ccagtcaccg caggaaaggg tattcgcttc 300  
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 <212> DNA  
 <213> *Aspergillus nidulans*

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 cttgggagag tcgatgtcgc gattgttggc cgacggattg gcatgaagag ccatacgctt 240  
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 <213> *Aspergillus nidulans*

<400> 27030

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aaaaccgttg caaaagcttt ggctgctttc attaccattg ctggacacga agcacaaagt 180  
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<210> 27031

<211> 751

<212> DNA

<213> *Aspergillus nidulans*

<400> 27031

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gaagagctct actatctaga gggaaaagta agtgccctcc ccaccatag taccactaca 300  
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<210> 27032

<211> 493

<212> DNA

<213> *Aspergillus nidulans*

<400> 27032

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cgcggtatcg gtcgcgttct cgatagtcgc ctctgtatct atcatggcct tgatcacgat 300  
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gatctagtcg tacgtcgctt tcattctggc tatecttggt tgaacgcttg tctttccagc 420  
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caacgcggcc agg 493

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<211> 354  
<212> DNA  
<213> *Aspergillus nidulans*

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<210> 27034  
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<213> *Aspergillus nidulans*

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cgtaccagca acggctcagg ttacaccatc gccagccgtc gctttgtttc ggcagaccaa 240



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<210> 27035  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27035

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 <211> 249  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27036

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ggtctgattt tcagtacgt ctctctgatg ctgcgagtgt acaccaaagc tgcactgctg 180  
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<210> 27037  
<211> 244  
<212> DNA  
<213> Aspergillus nidulans  
<400> 27037

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tcgccgatg ataccagcga tttaatcgac atggtcgggtg gtgcgccgct ggtgggtcaag 180  
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aagc 244

<210> 27038  
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<212> DNA  
<213> Aspergillus nidulans  
<400> 27038

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gttcttgtgg gtatgaattt gtttttttct tccagtacaa atagtggctg atagtctgct 180  
acagaacgcc taatgcgccc ttgatcctg gtcgtctctc tcagccctac ctcaaacaat 240  
acttacaagg cgcaccaaag tgcccacgac cttagcggccg gtgcatatgt gagggacatg 300  
ctcattttca ctca 314

<210> 27039  
<211> 606  
<212> DNA  
<213> Aspergillus nidulans

<400> 27039

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gaaatcctcc cactcctgct ggaccaaatt gaccccaact cgtcgtctgc ctgagaggca 540  
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<210> 27040

<211> 228

<212> DNA

<213> *Aspergillus nidulans*

<400> 27040

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ctcaaaccag ggttcgtccg gcaagcagcc ggagagtgt aagctagcta ctggggacaa 180  
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<210> 27041

<211> 239

<212> DNA

<213> *Aspergillus nidulans*

<400> 27041

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gctctaagga gttcgacagc tcccacctcc cttcggcag cggcacttac gaggggatat 180

ccactggggtt cattataaat gaacgaatcc gggctctgcac caagttcgag gagaagtga 239

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<212> DNA  
<213> Aspergillus nidulans

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<212> DNA  
<213> Aspergillus nidulans

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agaagaagaa gatgacgagt ctgaagatga agaagaaaag accgcaagc ccaaacgccg 240  
cgtccagttt gcgaacgcca aggtcgcaga cacatcagac gaccgcgccc aacttcgtca 300  
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<213> Aspergillus nidulans

<400> 27044

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<210> 27045

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27045

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<210> 27046

<211> 212

<212> DNA

<213> *Aspergillus nidulans*

<400> 27046

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<210> 27047  
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<400> 27047

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actaacgtga gagagttgga acgggatgcg aaggaggagg cgcgactcgc caagttcaag 420
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<400> 27048

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694

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<400> 27049

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caatgtcgtt cgacgcttct accccatgtc gacgggggtt accagcagat tttgcaggtc 180  
taccaaggct ttggtgtacg acagccattg cccgccgttg caaaacctgg agaagagtct 240  
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<213> Aspergillus nidulans

<400> 27050

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<400> 27051

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<211> 522  
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<213> *Aspergillus nidulans*

<400> 27052

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<400> 27053

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 <212> DNA  
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<400> 27056

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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27057

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 gctagcgcca ccatcagcag cgtcgccagg aaggccacca ccggtgccag cggacaggtg 180  
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 aacaacctaa actatacttc cacccgagca ttgatcttt tagcccatcc cgtcgtgaga 180  
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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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 ttcatcatgc agacgaaacg cattgattct cttctggata agctgcacag tatcaccatt 180  
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<400> 27063

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acggacgatg atgtgtctca gtccaagaa atccatctat ttttagaccg tttgcagaca 360

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<210> 27064

<211> 231

<212> DNA

<213> *Aspergillus nidulans*

<400> 27064

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gtcaagggtca cggatggctt cgatgcaagt ttgtgcccc aa gtgttgccac gctgcgaaag 180

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<210> 27065

<211> 523

<212> DNA

<213> *Aspergillus nidulans*

<400> 27065

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acacagtggg ggaaccaatg tggaactgga ggaagatgac atacttatgg atgatatgga 240

gatgccatcg cgagcctctt ccggtgagta ctcttctaat gatgccgatg ccatcgacaa 300

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<210> 27067  
<211> 354  
<212> DNA  
<213> *Aspergillus nidulans*  
  
<400> 27067

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gacgccgccg aggacttctc caagcagtta agacgtcact tatctactac ctga 354

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 <212> DNA  
 <213> Aspergillus nidulans

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 <212> DNA  
 <213> Aspergillus nidulans

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<213> *Aspergillus nidulans*

<400> 27070

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 <213> *Aspergillus nidulans*

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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27073

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<210> 27074  
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<400> 27074

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670

<210> 27075  
<211> 774  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27075

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ctgccgcgca tgtgggtgac cttccctcct atagtggccg agacggacga gctggcctgt 720  
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<213> *Aspergillus nidulans*

<400> 27076

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cggcggaag ccatttctcg gcaggcggcg gaagcgggag aaacagaatg ggtgcttgat 240  
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 <213> Aspergillus nidulans  
 <400> 27077

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 gcctag 246

<210> 27078  
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 <213> Aspergillus nidulans  
 <400> 27078

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 ccgcccgaag acctccacc acctctctct gaaccggaag taaagaaaaa gaagggtggga 180  
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<210> 27079  
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 <213> Aspergillus nidulans  
 <400> 27079

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 aacgaagata ccctaacggc cacgggcaat ctcggtcgta ccaaggccaa attctacgag 180

aacctcgatg aagcaaagtc actactcaag cgagcatcac acggcatgag caaggtactc 240  
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 <212> DNA  
 <213> *Aspergillus nidulans*

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 acaccggcac cagtctgttt ggaagcaagc ctgcaggagg agggtttggc agcacaactg 240  
 gaactggaac cggaactgga ttcggtactg gaactggctt cggcagcagc agtggctcag 300

gcttttggtgg agcaggaact gctttccagc agggg

335

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<213> *Aspergillus nidulans*

<400> 27082

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cctctaacaa aacagttact acaacggcac ggcaacattc acaatctcag gcctgtccat 240  
ccggtcaagg tectacgatg aagatgaaga ccaagagctt tgtacccagc tacagaacta 300  
cacgtacaca ctctctatc cagctctgct ggcaatcaca gagacggagc ctgaagatga 360  
acggccggaa aacacaaacc cagtaaatgt gattttgtca acctcataca gcaatttcac 420  
gaaatacttt aatgattaca tggactcgag caatatgcag ataagggacg agccgtgggt 480  
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<210> 27083  
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<212> DNA  
<213> *Aspergillus nidulans*

<400> 27083

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acaaccgta tacttcaggc agccgtgcac ccgtataccc gtacagcctg ctaatgctat 180  
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<210> 27084  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27084

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 cccacgacaa caacgaggtt aactaacgc tggaaaatga caatccgcaa ctccaagggtg 840  
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<210> 27085  
 <211> 246  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27085

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gatggctata ccagctgcc aacacacaaa gttctgacg ctaattggac tgctccaagc 180  
cgccgcgagg aggaggatac cttctgtgcc cgcaagttgc tggaaacctat gactgttggg 240  
cgctag 246

<210> 27086  
<211> 760  
<212> DNA  
<213> Aspergillus nidulans

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<212> DNA  
<213> Aspergillus nidulans

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aaggtcagag tctctgtcat tgaggcgggc agcaacagcg tcagagatcc tcgtatttca 180  
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<210> 27088  
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 <400> 27088

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 gccgattaca tcaccgacaa cggcggcccc atgtacctgg actataatat caccgggcct 180  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27089

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caggttttga acttggacag cctcttgatg agagttggta tggcatcgac cctgatccgg 180  
atcagtcttt gagctatttg atctgggagc actctcggtg ggatggctgg caaggcactc 240  
ttgggggtata tcagcgtgct acagatagag agtggatcac ttg 283

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<212> DNA  
<213> Aspergillus nidulans  
<400> 27090

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<212> DNA  
<213> *Aspergillus nidulans*

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cacggacggg aagttgcaa tgcagcgatg aatgaagcga acgacaacgg ggatgagcag 180  
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ttcgttgccg gcaggtttct atcgcggaaca ttcttgtgca gcaacgcgct tggagtagat 180  
gactggatga tgcttggtgc ctatgttggg gccagtgtgc gctttggacg tacatcgtga 240

<210> 27093  
 <211> 458  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27093

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 cctgtgttaa tagatccaag atccccctgca ctgtccacgg cccttcccag actccacacc 180  
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<210> 27094  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27094

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 tggctaattt acattctcca gaattaaaga ccggtcaact cgtcaaagat gaacacttta 180  
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 cccaaaatgg acagtggata cctcggtccc gaagagaaag gacagggatt ggaggatgac 360  
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<210> 27095  
 <211> 297  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27095

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atttgcttag tgtacttctg cgcgacaatg tggacaaaat atgtcgatcc gttctgtgcc 180  
cgcatgaccc aaaagatgga gaaccacatg ttcattccagg acgagaaacc tgcacaggcc 240  
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<210> 27096

<211> 315

<212> DNA

<213> *Aspergillus nidulans*

<400> 27096

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<210> 27097

<211> 738

<212> DNA

<213> *Aspergillus nidulans*

<400> 27097

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gcagaccatc ccaaccactc tacatatcga ccctgacctg gactcaacga gcctcgccat 360  
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 <212> DNA  
 <213> Aspergillus nidulans

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<210> 27099  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27099  
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<213> Aspergillus nidulans  
  
<400> 27100

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<210> 27101  
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<213> Aspergillus nidulans  
  
<400> 27101

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 <213> *Aspergillus nidulans*  
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<210> 27103  
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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27103

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<210> 27104  
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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27104

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 gccctcgtct cctggtgcta taacgtcggc gcgggcggcg tcgccgagtc gacccttgcy 480  
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gtgtatgcga acggcgaggt atcggagggg ctgaaacgca gacgtaatgc ggagattgag 600  
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<210> 27105  
<211> 1062  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27105

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cgccgctcgt caaggatttt tgcggcaaca ccagctgccg aagtcgaaaa aaatcaactt 180  
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cgagccacga agaagcggaa gcatgagaca gttgaagtta cagccgaaac cccgagaaaag 300  
gagcagatca atatggacaa agaggccact agagaaccag ggtctcagag atctcagaag 360  
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aagaagcaaa ctaaccgcat gtcggagaga cgccgctctc aacgagcggg agcttcgcag 540  
gacgaaatca ttccggaaac ggatagttct atggagaaat cagttgaaca ttctcaactt 600  
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<210> 27106  
<211> 270  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27106

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ctatccgtcg ccgctgccgc gggatggcaa ccacattcag cccggtctcg tgtcagactg 120

ggcttacgaa acagcgccca cctcgttttc ttcgcaagac gaaggatcca ggatgttggg 180

aacaaaaaca ttttatgtcc aagcaagtca agcaagtctt cattcgcaga tggcggagct 240

gaagtacgcc taaaggatgg agccccttag 270

<210> 27107

<211> 420

<212> DNA

<213> *Aspergillus nidulans*

<400> 27107

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caaaaccaag aaggaccaag ccccgaacgc acggaaaaaa ccacgacaaa aaagaaagat 120

ccggaggacg agcaggggtac tcgaacacag gcaaacaacg aagcccacag acaagacgag 180

aacaaaacct acagcaaaac accagacgcc tcgaacacac tgatcacaac cgcgaaacccc 240

caaaaacgcc aaaaaagggc aaaaccacac caacgaaacc acatcccca gacgacacg 300

aacaccaaca cactcctaac aaaacggaga cccgacgcag ccggaaacct gctccagaac 360

gccacgacgc caaatatccc gaaaaccaac ccaaaaattc aagcgaagaa ccacagctga 420

<210> 27108

<211> 384

<212> DNA

<213> *Aspergillus nidulans*

<400> 27108

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gaaccgcct ctctaccgg cgtagtcagc tcagagctct cagattccga tcatgccac 180

agccgcggcc agcccgctct ggaacctgct cctgatcttg actcaagccc tcttcggcct 240

ccgcgtcct cttcgtgag aacaacgtca cgagaccggg ttctcggctc tgacgattct 300

gaccaagctg cgttgaatgc ctctccaaaa tccgtcgtat ctgggaagcg cagcttatat 360

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384

<210> 27109  
<211> 1030  
<212> DNA  
<213> Aspergillus nidulans

<400> 27109

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agaagatcta acgtctcggc agctcgtgat ctgagtggtg atgcccggca tctgggcaag 180  
ctgccgggttg tcaagcaciaa atttggcatc gagggcggtg taaagggcgg ctttggatta 240  
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gacaagaaag acgacaaaaa ggacgatgac aagaaggacg acgataagaa agacgataat 420  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27110

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cttcgcaatg agctggagaa tagccagttt acagtgcata tcaaccctgc ccttggtgcgt 180  
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gctgtgtaa 309

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<212> DNA  
<213> Aspergillus nidulans

<400> 27111

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ctgcctcatg actgggctat cactagacca ttttatacag acgacgaccc cgagatacct 420  
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<210> 27112  
<211> 513  
<212> DNA  
<213> Aspergillus nidulans

<400> 27112

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gcggccgaac cccctttctc ccgcatcgca accatctcca ggcaaaaact ctccgctgag 180  
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<211> 279  
<212> DNA  
<213> Aspergillus nidulans

<400> 27113

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cagcacgaag tctctgcggg gagtgtcctt ttcacccccg gggacgcgga gcacggcgtc 180  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27114

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<210> 27115  
<211> 282  
<212> DNA

<213> Aspergillus nidulans

<400> 27115

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cggaagtgtg tgtgagcagt cctctaagta ccaaccgtac gatgctcaat ttcaaggccg 240  
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<210> 27116

<211> 256

<212> DNA

<213> Aspergillus nidulans

<400> 27116

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attacaccgc ccccgaccg cgcctcttct gcagatccag agaaacgtgc tttgttctct 180  
cctgggtgtc agcggatcaa tctcactgag agtatcggca cggtcctgga gggagtccag 240  
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<210> 27117

<211> 242

<212> DNA

<213> Aspergillus nidulans

<400> 27117

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ctggggcgac agcttgctcg aaagagaaga cgcttcggca gcgggagaaa tacttttctg 180  
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<210> 27118

<211> 1221

<212> DNA

<213> Aspergillus nidulans

<400> 27118

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<210> 27119

<211> 204

<212> DNA

<213> Aspergillus nidulans

<400> 27119



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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27120

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 gggtcgcagc tcaagctctc ggcgcttcac gaaacaacac cacatctggg gatcttcaat 180  
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<210> 27121  
 <211> 512  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27121

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 gttgtgggct ttgccggtga cctcaagaag aacggcgagc ctggtgcaac cctgtacgag 300  
 tgcttccaag acacgaagtg gactctagac aagtcagggt ggcagatgct cgagtatcaa 360  
 attgatccat atggaggtag gctattaaga gcgccttgac aaagcctacg catctaacaa 420  
 gtccaggcat gtccgggtgct ccagttctcg acgaagacat gaactgcatt ggcgccaca 480  
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<210> 27122  
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 <212> DNA

<213> Aspergillus nidulans

<400> 27122

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gccgccctca taatgcacgc tgcgggaaag aaaaagggga aggggaagaa gcaagcaggg 180  
cgcaggacaa accgggcagc aggcaaggac ccaaacacgg atgaggcaag cgcagaaccg 240  
cacgaactga gagaggcacc aactggcgaa caggcaagcc acaacccgga agaggaacga 300  
ccgccaagat aa 312

<210> 27123

<211> 396

<212> DNA

<213> Aspergillus nidulans

<400> 27123

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gccacaacaa cctgtgtcga cttgaaggac gccgtccgcg aacgtgttct cgaaaacacc 180  
acagaagctg acaacaaagt gcctctggag aagatcaaga tcctcttcaa gaagaagccc 240  
gtaacgggta ctgggaagac tggtgcggat gttgtgagt atgccggaga agaggagtta 300  
ctggccggtg gtaaggaggt agagtttggg gttatgatta taggaggggc aagggttatt 360  
gagggccaaa accaagcaca gggagaggcg ccttag 396

<210> 27124

<211> 273

<212> DNA

<213> Aspergillus nidulans

<400> 27124

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gcccaggaac aactcttcct tgaaaccaga tcgttatccc atgctcgttc cagatcggcc 180  
atgtcggaaa ccaccgagat catcgactca gactacgata cagattcaag aaacgcaacg 240

tccgatagct cgccctacag aagtgtgac tcg

273

<210> 27125  
<211> 511  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27125

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aatatttcaa ttgcgcgaa cttcattgtt tgtgtgtttg cgtcatcgca gtcgtcgccg 180  
tccgaattca aattggctga ctttggattt ttgctttttt cttgcagcgt tcccgcacag 240  
tccgttgaag agaacgtcgc aaagagcgaa accgaagttg agcaagctcc tacagaaacg 300  
gttgaggcgc ccacttccac ccctgtacc gctgccccgg agaccaccac cgagaccgct 360  
acttctgcgc cagaagctcc accgattgct gccgccgcca ctgagaacaa agacgaggtt 420  
ccagtccccg ccgcaaaaga tgctccgata gaggaggcgg tggaagcggg accgaaaacc 480  
gaggcaaagg aggatgagct gaaagagact g 511

<210> 27126  
<211> 1217  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27126

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ttcgactact ccgactatgg cctcgacgac gaagactttg attttgacta ctccgactat 180  
ctccccat cgaccagctc ggcttcatac cctacctega ccagctacga ttggctgtcc 240  
ggcggtgaca gcggtgatga tggcgacatc acgaccccc gctcatctga ctacgacatg 300  
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gtcgcattca agaccacagc gccaaaggta gatctcgcat ttgacgtgat cttccttgtt 480  
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ggcgcatg tgaattgggt tctgtttccg atctctctat tcttcactat cctgtaaggc 600  
 cctatttcag agtcaaaaag aggaacatga ctgatttata cggatataggc acctcttcct 660  
 cgacacgata actctcatcc tctcagaatg cgtcatgatg cgcggcgaca aatactggga 720  
 tgcccaaaca gctgttcagt gggtcagcag gctcgccatc ttctgtctga ttgtcatcat 780  
 catgctcccc atctgcccga agctccaaca aggaggcggc atattcgcca ctctgaccct 840  
 ggttcttcac tctctctgga tagccctcac aggcatcttc ctcatcgta gcctagcact 900  
 caccaccgcg gtcggtgctg gcgaccgaga cggcttcaaa ttggaaaagg cctccaatgg 960  
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 ggacaatgtc tacggta 1217

<210> 27127  
 <211> 394  
 <212> DNA  
 <213> *Aspergillus nidulans*

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 agacgtgcag ctgtccaagg tcaagggcgg cacaagaat ggggcgtcgg taaatctgtc 180  
 gcgtcgggat cccgaggagc aggactttgt gtcggatgag agcggcctga tcagccacgc 240  
 gggagccgctg ggggatgttg ctgttggtga tcgtcatgga gatccagctg ggaggaggag 300  
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 tgtgcaggcg gggaagaagg gttcaacgta ctga 394

<210> 27128  
 <211> 264  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27128

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 ttcccatctg gcacccgcgt ccgtaccaa gacgcacact acattgtcat cggcgccgcg 180  
 gagcgcggcc gcgtctcat ccagaacgag gataacgcgg aggatatact gcgtgttgag 240  
 ccggatagtt tagttaagt ctag 264

<210> 27129  
 <211> 363  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27129

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 gtagctaaca attatctctt agcttcgcgg ctcacggttc gtaattccgc ttccccaaga 180  
 tttttgtctt ctgctgcctt tttatctaac cctaccatga aacaggctac gccgtctctt 240  
 gccagaacca aggcggatcc tgccacgatg gagaccgtga ctgccccgcc ggtactgaga 300  
 gcgtcttctg ggacaccggc tgtgcgagcg cattctggcc gtgggaggaa gatgacaagt 360  
 gct 363

<210> 27130  
 <211> 210  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27130

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 cagcacgcat cggaatgcga accagtgacc gtaacattca ctgcagggca atggttctcc 120  
 gacaaccac cgaaagagca agacaccga ccggaagaga tcgccgcgca acgctacatg 180  
 agagagaagc tcaatgggga actctattag 210

<210> 27131  
 <211> 297  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27131

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gactactcta tgatggaggg agcccgtagg catgttagga gacgatccat tccccgcagt 120

cgctatgggc ctagtcacag caacgcctat ttaagccgc acggcactct ctacgaagac 180

gtgcacatca aacgggtccg ctcgacgggt gcccgccgcg accgcgagcg gcaccgagag 240

cgagatcgtg atcgtgaccg ggaccgcgag cgagtggacc gcgtagcagcc gtcgacc 297

<210> 27132

<211> 572

<212> DNA

<213> *Aspergillus nidulans*

<400> 27132

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ctctcatatc gacaagcggg ggtggggagc attcaaggac tggctgagga agctcgtatg 120

tgtctctacc cttccccag ggccccttct gatcggtttc ctgaccacct atagactacc 180

gtgaccaagt ccagtattgg cgtcatcccc ttaggcttca gccacacaat caacctcttc 240

cgggcccagt ggggatgccc cggacagacc tactcggcca acctgcggat ggatctggag 300

gcagacctcg cgatggacgc gacgtatgcc tattacctct ctgcgacctt tatccgcct 360

ggcaagccgg aaacctttgc ttactttggc atggagccca ctgcctatct cgggcttcac 420

attgaaggca acgccc aaat gcagaccacc acgggcagga agaagattat cgacacgctg 480

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ggagaggcgg gtttccccca tcctacccat tg 572

<210> 27133

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 27133

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tttcgggaat tgaatgcctt tattgacgag aagctcatca agcccgtagg cgatgaccgg 120

gtttttgggt ttgcggagat aaggagggcc tatgagtatc tggagcagca gcggcatttc 180

tcaaaggttg ttattgatat tgattga

207

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<211> 484  
<212> DNA  
<213> Aspergillus nidulans

<400> 27134

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ggcgctgggt tcctcaacct gtcaatcatc ttgcctgggt tgtaagtgtc ttagtggtcc 180  
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taacagegcc tatatcgtca ctatcgttta caccgttctt accgaatgcg acgtctacag 300  
ctatcgccac ttgtaccatg cgtcctgctc tgagctctgg ctccgcgccg tctctgagta 360  
cctgttcttc gcggccatcc tgatctacct cagcgcaag ctgcagacag atttcgggct 420  
agtgcagccg gccattcaca caaaaagaa aatctgggcc gtcctgatcg gtcgagtcct 480  
catc 484

<210> 27135  
<211> 279  
<212> DNA  
<213> Aspergillus nidulans

<400> 27135

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aatcagggtc cgcacccgga aaggctcacc aagaggcacc agctcatggt acctctcgtc 180  
gttcagagca ccatgcgtct ccaggacgaa aaaggaaggc ttccggtcct caccagcctg 240  
ccccagtacc gtcctctcgc tcctctgaat cacttatag 279

<210> 27136  
<211> 237  
<212> DNA  
<213> Aspergillus nidulans

<400> 27136

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 cttgctgcta ccaacgagca gaccgagaca aacatctctt cagtccgtga gcggtctgac 120  
 agctcgtcgt ccaccaccag cagcacccga ctgagtcggg gtgctgctgc ccgcctccca 180  
 gcgggattcc tcttcctagg ctacgaccac cccacggccc tcagtcccg cctctga 237

<210> 27137  
 <211> 397  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27137  
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 caatgaggaa aaactggcgg agcccaccgg ggaaccttct gtagcaaac cagctgaaga 180  
 agcgccagtt ttagtggcgg ctgaggagcc acccgctgca gagtctggtg aagctgaggt 240  
 ttcagcccaa gaacctgttg acgagcaagt gcctccctca actacgactg aagaggaagc 300  
 acccgccaca aatgctcagg agcccgagcc cgcctcggca ccggccgaag gaacacctgt 360  
 tgcggaaact cctgctgttg aagtcgaagc cgaacct 397

<210> 27138  
 <211> 1062  
 <212> DNA  
 <213> Aspergillus nidulans

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 ccatccgcaa agcggtatct tgatgcagag aaagatgcgc cgaacggggc gcgcgtcttt 240  
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 acggcgacga gtctaagggt tgtttcgagt gatgagcccc agctcgggaa cggttctaag 420  
 gagggggtcc agggggagaa ggagaaggag gaggaggacg aagatcgagc agcgcgcctc 480



cacgacctga tggaggaggt ctttggtaaa gaagaacaac caaatcacga gcgcacgcc 540  
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 cactacaatg gcagcggtgc cggtgcccgg tacggccgac atccgtttac gctcatgtac 720  
 gaaaccggga cggattgcgt accgcgatgt gatgcgcagc tggcgggtga tggacataac 780  
 aaaactgtca ctattcatta tgacctgccg tatgcgcggg cacagccggt tcgcgttggt 840  
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 gaggcttacc aggaagaatt gaaggcgtg tatgcatacc tcgttgaggg gaagccggca 960  
 aagacaactg cgagagattc gttgcaagac atcaagctgt ttcagacaat attcgaccag 1020  
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 <211> 303  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27139

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 tcacaaaaag atccgacctc tggctggagt gtcaggaaa tgcttgagac tggactcgat 180  
 cagaacggca acattgtctc ggacgattat tcttgattg acggccgctc actaaataag 240  
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 taa 303

<210> 27140  
 <211> 286  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27140

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 agaatactgt tctcgcaaga ctcagtagct gtattcaagg aaaccctcgc tctactgcag 180

ccgtggtggtt attggcggag gaaatgttta ccgcgttgga caccgaccga tagacgcca 240  
gcggcggcga gcagcaacgg gcgggagcgc gaaaggaaag gaggca 286

<210> 27141  
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<212> DNA  
<213> Aspergillus nidulans  
<400> 27141

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tccccaatcc cctttcctac atttgcgatc agtatactac attactcaag gaaccacccc 180  
gaaagcaaga tgtccccac ctcgcccgcg ataattgcag accccaatc cgccccctca 240  
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tcctcgggtc aaaactacac cagtgcgctc gtcgatcgag ccagaaacct ccactctaata 420  
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<210> 27142  
<211> 384  
<212> DNA  
<213> Aspergillus nidulans  
<400> 27142

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gcgcagcggc ccatcaacgc ctacaacggc ggtgttttgc ttgctctccc cgttgcgaa 180  
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cccccttctc cagaggatag ccagcgtgcy ctggacgcac acaacgaggt tcatccgcgg 300  
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<210> 27143  
<211> 557  
<212> DNA

<213> Aspergillus nidulans

<400> 27143

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aacggatgac agtcgtcgac gatgcttctg aagatgagca agaagatctc ttcccagaat 120
cgaggaagga aggcccgagt gagacccgcg aaagcagaaa ggaacgagat gagaggctta 180
gaaagatgat ggaagatgac ggtgggttgg tctcgaacat tgtgcatcat cgaatactaa 240
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ccatagacaa gccgcccccc aagcaagagg acctcaaggt tgaagccacg gtcaaaggcg 360
gtcgtcgcag aggacggcgg caagtcatga agaaagtagt taagaaggat agcgaaggct 420
acctcgggtga gtctatgctg ctactcggag aaatgccgga tttacctaat attttcccag 480
taactgtcga ggaaccgagc tgggagtcac tctcggagga tgagcctaca ccaccaccgc 540
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<210> 27144

<211> 408

<212> DNA

<213> Aspergillus nidulans

<400> 27144

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cagtccgcca cctgtgctag cgatgcaacc agcaccacag ccaccgtttc ctctactgtc 180
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actgagactc cagctagctc tgaggatact gacggtgcaa cgcctctccg gggcaagagt 360
gtcgggtgtcc ttgctggtat tgttgccggc attgcattcg tgctctaa 408
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<210> 27145

<211> 495

<212> DNA

<213> Aspergillus nidulans

<400> 27145

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 agatgggtga gtgacgagga gcagcgtcgt gcctgcgtgg gcgatctggg aaatggacgt 180  
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 gctgcccgtg gatgacgagc attggttcca gtgccagctg caagagagct gcttcttcga 300  
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<210> 27146  
 <211> 497  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27146

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 tccctgtac tgtccacagc tctcccaaa ctccgaacct tgaccatgaa ttcaagcagc 240  
 catacaccca ggacataatt cgcattgtga ctgctgctct ccatgacctt gcagatgaga 300  
 caaagtgcatt aaaatgcacg gttgagaagt cctctgctct tctaaccagc catttatgcg 360  
 acatccaagc cgcaagaag actgggcagt ggtcaaagga ggagaggaag gcactaaagg 420  
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<210> 27147  
 <211> 2252  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27147

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gatcattcag tatgcaaagc ttcttcttcc ggggaaccaa aaagaaactc gaggcccgcg 360  
tgaagaactc cggagaacct tggtaagggc tcgcaaggat gaaacagagg caatcaagga 420  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27148

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ctccatgaca aggaacgaaa acggatgcga tgtaggatag ccgaactaga ggccgaaatt 240  
gaagagctgt atgtcaacgt ggatctttgc catcttgccg ccggtcagga ctaa 294

<210> 27149  
<211> 249  
<212> DNA  
<213> Aspergillus nidulans

<400> 27149

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aagcaccat tgatccgcct ccagcgactg ccagttgcct cgctattcga aactgtcgct 180  
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aggatttag

249

<210> 27150  
<211> 567  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27150

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acacggttca agacagctac tcggaga 567

<210> 27151  
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<212> DNA  
<213> *Aspergillus nidulans*

<400> 27151

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gaggatgaag aggaggaaga gaatgcccgc tgctgcaaag gcaaagcccc ggccacctct 180  
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gctgctgccc aggaagctct cgcccagacg ctgctcctgg tagccgccga gtacgccgat 360  
gatgatggtt tccagggggt tggtggagag gaagaggagg aaggagaggg aggaggagat 420  
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 <212> DNA  
 <213> *Aspergillus nidulans*  
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 ccgtttatgc agatctgccg ggccattacg acaactgtgc cggacgagat ggagcgcgca 180  
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<210> 27153  
 <211> 1108  
 <212> DNA  
 <213> *Aspergillus nidulans*  
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aattgctgag ctggctgttc ctgagactgg tctgaacat ggacaaaatg gacagaagg 1080  
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<210> 27154  
<211> 498  
<212> DNA  
<213> Aspergillus nidulans

<400> 27154

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atcctggagc gtgatgagct gaggggaaag cttaacgttg agataagaga gaatgaagga 360  
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agggttgagg aggacaagaa aaaaattacc ggtgtttaca ggaccctcga ggagctgata 480  
agatatgca aggattag 498

<210> 27155  
<211> 318  
<212> DNA  
<213> Aspergillus nidulans

<400> 27155

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gccgcaggcc tctttgagcc aggtgattcc agcgctagca caggaggcag cgtgccgggc 180  
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aaaatcgagg aaggaaacta caaagacatt tctgacgct tccgatcaag agccagaaca 300  
ccatcactcc gattttga 318

<210> 27156  
<211> 465  
<212> DNA  
<213> Aspergillus nidulans

<400> 27156

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<210> 27157  
<211> 306  
<212> DNA  
<213> Aspergillus nidulans

<400> 27157

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gactatgcgg ctgtcaagga gaccgattgc tattgtggag acgtcgatcc cgcaaaggac 240  
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gagtga 306

<210> 27158  
<211> 276  
<212> DNA  
<213> Aspergillus nidulans

<400> 27158

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ttcactctca tcaaacccttg gattagacgg caactggcta ctgtgcgaaa acaactcaag 180  
ccagtaagat ccgatgatcc tcgtgctgta aagcagggtca tcaatcgcaa caatactgcg 240  
aatacaggaa ctgccatgac agttgctggag gtctga 276

<210> 27159

<211> 387

<212> DNA

<213> *Aspergillus nidulans*

<400> 27159

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atgcacgaac tcttccagcg cgtcttttagc aagcccgagg agggcatggg ctaccacttc 180  
aacgacacaa tggatcatga agtgcaaccg ggccgccccg cgcagcgccct ccaccgagac 240  
caggagctct acccgtgggtg gaactccatg ggcccagatg ctcccagatg cctcgtcaac 300  
ttcttctgcg ccgtaactcc ttccaccgta gagaacggcg ccaccgctct cgtcccgggc 360  
agcaaccgtt ggccggagtc acgctga 387

<210> 27160

<211> 1247

<212> DNA

<213> *Aspergillus nidulans*

<400> 27160

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gaactcacgg gtatcacgag aatgatctgc gacaatatgc ctagccgctg gaccttctgg 360

gcctttggcg ggccctgat ctttactat gcccgaaggt taatgaccaa ctggctcaat 420  
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<211> 479  
<212> DNA  
<213> Aspergillus nidulans  
<400> 27161

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cccgtagact ctgcagttta ccgcataatca gtaggcagtg gtaagagaca catgctctct 180  
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tgctggtaag atctatatat tctccggctg tgggtgaaca gccatggcgc ctatcgaaga 360  
ggatggagca ttttgggtct tcgacctct tctggtaac ggcgtatggt cgccgatcca 420  
accgcttgat cccagcccc gtacctctt gacgcagctc cagctctta cgagcatgg 479

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 <213> *Aspergillus nidulans*  
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 cctattagga cagcagtgcga gaacgaacac ttcccgatt ctcacgcgca tggatacgat 240  
 gatcataatc catacgacta ccacgcccc aacctaggtc gtggccatag tccttacgac 300  
 aacagcccat atgaccagcc gtacgcagat cactctccag ttggtaacta ccacgcatg 360  
 ccgttccac cgcaggccta a 381

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 <213> *Aspergillus nidulans*  
 <400> 27163  
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 ggagatgagg aggggagggg agggaaagga gggcggaag gaggaggaaa gaggggaaag 180  
 aggaggagta gagttggtgg ggaagggaag aggggggaga ggagaagggtg a 231

<210> 27164  
 <211> 276  
 <212> DNA  
 <213> *Aspergillus nidulans*  
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 gacaagtatc agacggtggt gctcagcggg gctcgcgatg catatgatag aagccagccg 180  
 tcgagttgtc cgaccatcat gatcgggaca gccgtaccgg acggggacaa gaatgacggg 240

tggaagaac tgtacatggt gattactcgc aaatag

276

<210> 27165  
<211> 222  
<212> DNA  
<213> Aspergillus nidulans

<400> 27165

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aagggtggggg ccgcgaagga taaggagact cacatgagga ctactcctaa gagtacacca 180  
aagggcaagg gcaagggcaa ggaaaagggt gcgcagagct aa 222

<210> 27166  
<211> 408  
<212> DNA  
<213> Aspergillus nidulans

<400> 27166

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gcgcggccga tcacttatag gcatttgcta gactttgtaa cccccgggtt gattatcatc 180  
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gagttccgcg gtattgacgc ggttgatatt tcttcgacac tggaggtgcc ggagtataga 360  
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<210> 27167  
<211> 372  
<212> DNA  
<213> Aspergillus nidulans

<400> 27167

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tccactttcc cctcacctt cttcttctcc tctcccccac tctcaccttc cctccctatc 180

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<210> 27168  
 <211> 333  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27168

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 aaccgcgctg acgcaaccgg aaaccctact tcagacaccg atgccgaccc agaaaccgct 240  
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 aagaaagact ccctctggca ggttcaagtg gcc 333

<210> 27169  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27169

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<210> 27170  
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<213> Aspergillus nidulans

<400> 27170

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gagcttccac ctcaaccgca gatgacccaa tctcgtcatc tcgatctgac ctctcagttg 540  
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<210> 27171

<211> 593

<212> DNA

<213> Aspergillus nidulans

<400> 27171

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tcatcaatct caccacggcc ggcacacctt tcccggcgtt ccccggaatg ggcgcctacg 180  
taagcagcaa gatggccgcc gtcaagatcc tagaggcggt tgccgccgag aaccgcgatg 240  
tgcgcttca caatgtgcat cccgattcc tcgagacggc catgtcggcc aagctgggag 300  
agaaaatcaa actgccctac gcctacgatg acagtaagtc gaactgaccc tgtttgcggt 360  
caagtcacta atctctcgca gtctccctcc ctgccgactt cctgggtctgg actgcctcgg 420  
ccgaagccga atttctcagg aacaagatcg tcttcgccgc gtgggacgtg gatgagctca 480  
aagcgcgtac aaaggagatt gtcggtggcc cgcccggaac tggggagctc aggatcggct 540  
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<210> 27172  
 <211> 288  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27172

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 tggcatcatg ggaaggttcg tgacatgctg gatgtcggtc gccacggtga atttggaccg 180  
 gaggtagagg gttgcgagca tgaaaaggag agcagcagag tagccatgcg tcaaagaaac 240  
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<210> 27173  
 <211> 1019  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27173

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 ctctccaga gaccactcca tgcgagacag agacgcctcc tccttcaact gagactcctc 480  
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 cagagacaac tccatgagag acagagacgc ctctccttc cacagaaaca cccctccag 660  
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tcacgattcc tctgatgag acaaccactt cgattccac cggaacatca cctgagcagc 900  
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<210> 27174  
<211> 213  
<212> DNA  
<213> Aspergillus nidulans

<400> 27174

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cattgaaag acgtaaaggt gatggacgta aagtagagat tgtcggcgca aaagagacta 180  
acttaaagaa tgcgaaaatg tcattccgc ttg 213

<210> 27175  
<211> 1515  
<212> DNA  
<213> Aspergillus nidulans

<400> 27175

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gtcattgccg acatcaaagc tgagcagggc gagcaggttg cgtctgagct ctcacgctc 180  
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gcccagactg taggcttctt tggccgatta gatgtagcga tcaacaatgc cgccatgact 300  
cccgataaga cggtgctcat tgagacagac gaggaatatt ggcgccgcct ggtggacgtc 360  
aacctgacgg ggacggcgct ctgctgcaaa tacgagatgc agcagatgcg caacagggtt 420  
ccaaggggtc tattggtgaa tgctgttgct cccggtgcc tctttacgga gatgtccgcc 480  
aaagcactcg agattatggg cacgacacac gatgaatttg caccgaaagt tagcagtctg 540  
aaccgattcg gccagcctca cgagggtgcg caggcaagtc tgtggcttgc gtcggacagc 600  
tcgtccttca cagctctcta ttttaacttt gatcctatca tgggcagtct ttcaaattggc 660  
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atcgggcgcct gtatcggtccg caatctagcc agcaaaggct gcaacgtgat catgaactat 780  
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 aatccgttga ccccgttggt tcccgtccgg gagaccgaca gcgaggaggt caaaaagctg 1380  
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<210> 27176  
 <211> 832  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27176

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 gaataagata gggagggagg gggaagggga gagtaggagg aggggggagg aggggaagag 180  
 acgaggagaa gagaggagag gaaagtggaa ggggagggga aggggggggg gaggggggga 240  
 ggggataagg gggggagaag aggggagaga gagagggagc aaggaggaag gagagaagat 300  
 ggggggagga aggaggggga ggagaggagt ggggagggga gggaaggaga gggaggggag 360  
 gggagaagag agagagagag aaagagggga ggggggaaga aggaaggag agggggggag 420  
 ggggaggaga ggaggggggg aaaagagaga aggggggggg ggaggaggaa ggagaggggg 480  
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ggaggggatg gggagggggg gaagggggga taggaagaga agagaagggg gggggaggga 600  
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 gaggggggag gagaaggagg ggaggatagg atgggaaggg agggggcgag ggggagcgaa 720  
 gcggcaaacg agaccctgga ggccgttcgg cggaagcaa gagacatcgt attatctctc 780  
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<210> 27177  
 <211> 324  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27177

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 acagaccatg caaagtttga gagcacatct aacatcgagt ctggtcagga taccggaggg 180  
 gagggtttct cgggtatacgt ggggagattc agctctctgg cctacgcaac agatcaagtt 240  
 gatatgtctg accttgagca cagagtccat cagcagaagc aggcactcat tattatgact 300  
 caagattcta atcctaggca ataa 324

<210> 27178  
 <211> 1623  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27178

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 aataagaaga agggtaacag cgccaaaagg gctccggtaa acgacaacaa ctttctcaac 120  
 ccagagggtt ccaaaccagt ttccgacccg gcggaatccg aggaacatgg ggtccccgat 180  
 ccagtatgca cagctccctc agtacagtta tcaatctttc gatgataatc ttcaatttcg 240  
 ttatcaaacc ttcgaccgtt atacgggtca gttctcatc catcctgtct ctgcggatta 300  
 tctgacggct aataatcagg acaacaaacc cgatgccccg gaagctgaga aggaccaggc 360  
 cccagtccca gatgctcctc agaaagatga atcaagcagt gaaaacgctt cctcaccgga 420  
 ggcggaaggt atgccgcca actgtatcca gctaagcgta taatgctaag cgggatagca 480

tcatcgggtg cgacgacacc tcccgatata gtagaagagc ctaaaccoga aggctcagaa 540  
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 gaggaagcgg ccgagccggc cgctgaaccg agcgaacaaa cagataccgc tcttgccgac 660  
 cccgcggcgg acgaggctcc tactgaggag aagcctgcgg aagagacagc ggaaccagcg 720  
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 gaagaaggcc cggcgcccag tgaggagaaa aaggctgcaa ctgagacgac cgaggaacct 960  
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 ggcggagcaa cacagtcacc tccacctgag ccctctgaaa acgagcagcc ggtggccaaa 1560  
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 gcg 1623

<210> 27179  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27179

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 gtgaggcca gaaggatgct cggtaagact accacaaac ctgcgtactc aaccaagaaa 180

tgctaacagt tatagcgggtg tgcctgtcgt gcagagcacc gccgacgcag gtcagaagcg 240  
taccctgtgag gacgaggcga gcgccgaaca ccttgccaag aaggctcgaca ccaagga 297

<210> 27180  
<211> 361  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27180

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gagcgtgaaa tccaagcaca gaagctccgg gaaaaggaga agcgacgcat acagttaaag 180  
aagaagaagg cagagaagga agcaaaaagcc cgcgaggaac gaattcgccg tggatttcgg 240  
gaccctaata ctctgtctgt acctgcgagt cagccattgt tgttcaactt catcaagaga 300  
acgccatctg ttcagccgga aagcgaaagc cctgaggagc agactagggc cgatccctat 360  
a 361

<210> 27181  
<211> 401  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27181

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gggatcacga ttcttatcaa ggattttgaa gtgttgatc gattgacgta gagggaggta 180  
agcataatgc taacaacgat ctgaggccaa caactgttaa taccttgccg tatcaacacg 240  
gggagacata acgcacgata agtccagcc acgtatggga agaactgggg cttccccaga 300  
tcaatcttgt cggccccatt caacgccatt acgatggctt aggacagtca cagtcggcag 360  
aacagcgaaa attagcacgc gacccgaaga tcaaaagata g 401

<210> 27182  
<211> 479  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27182

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cgccgatgcc gcgagggcgg gtggaaagga gctcccagac caggcggttca aggtgatctc 180  
cttgcctccc taagcggcga ctgctgggtg cgtatccaag gcgcagtggg cgacctgaaa 240  
gccatcacccg cgggccagtg gatgcgagac cggagcgtcg gcgaagacgt tgtatcggca 300  
gttgcaactc ttctcgtata cgtcagcgcg gtgctggtgt gcaatatcag taagactggg 360  
cagggttttac tgctttctgg gatgattgtg tccgctgggc tggtgttttt ggccaatgct 420  
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<210> 27183

<211> 264

<212> DNA

<213> *Aspergillus nidulans*

<400> 27183

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gcgcgacagc ctccaaggag gtgaacaaaag acgtcgccaa ggacaataac gccgacctga 180  
ctacgcgcgc cactgctgcc aaggacgctc tctttgacaa gaaggatgag aaggttcattg 240  
agactcaggc agatgtttac aagg 264

<210> 27184

<211> 474

<212> DNA

<213> *Aspergillus nidulans*

<400> 27184

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aacgaagaat tcgttggcgc cctgtgcccc gagcaaattc acattgccga cggcaagatc 180  
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aactccggcg ccgaggacca gggcgagctc aagttcaagg ccaggaagaa gaagaagatg 360  
 acccgtgcgc agctgaaaga gcgtgaggct cggcgccgctc ttccgccacat tgaatggctc 420  
 aacagtctta agggaaactcc caagcctccc gataccgatg atgaggctga atag 474

<210> 27185  
 <211> 214  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27185

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 tctatatctg gtgctggagc tggtagcggc agca 214

<210> 27186  
 <211> 2645  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27186

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 agacatacct tctctgcgat gctatcatag ctaccgggtg caccctccaa gcgaatgatc 2580  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27187

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 cccaagtcta gacttgaaaa gaggattgga ctgtctgaac cgcagacaac cttgtcctcc 240  
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<210> 27188  
 <211> 375  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27188

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 agttctactg caacagagac tgccagtccc gagacgccag tcacgtttaa cgtcatggct 240  
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<210> 27189

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 <213> Aspergillus nidulans

<400> 27189

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 agtggttgctg ccgtgctaag ccatatcgat gccgccattc aattccatga ggcacaagag 180  
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 <213> Aspergillus nidulans

<400> 27190

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 attgaattcc tgcagggatg gctctacttc ggtctgcttg ccgaagcatt cggcacggca 240  
 gagatgaaat ttgaccaga tcattacacc gaccgctctg cctacacagc gtttgtcacg 300  
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 <212> DNA  
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<400> 27191

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 tggcggccct ccaaggagag ggcgaaggag tatgaaggga gtgatgacgt gcctccaact 180  
 tcgtatgagg aggagacggt tatgttccga tgggggggtga gatacgaggc gcctgccgtt 240  
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gaagtcatca aggcgtttga ggatctcgtg ggcggagacg aggagaacat ggagtggaaa 360  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27192

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<212> DNA  
<213> Aspergillus nidulans

<400> 27193

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gaggcgca ga cgagaacga cgtttttctg gatgagcagt ccagtcgcat ctggatccat 240  
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aacgtcaacg actttgacga agcctacgta ggccctttca cctgggatgt caaacggttc 360  
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<212> DNA  
<213> Aspergillus nidulans  
  
<400> 27194

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aggatgatga tgatgaggat gatgatgatg aggatgatga tgatgaggat gatgatgata 180  
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<210> 27195  
<211> 1108  
<212> DNA  
<213> Aspergillus nidulans  
  
<223> unsure at all n locations  
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tcaccctcgg ccgttttgca gggatatgcac tctccagacg gccgacggga ctccaagacc 180  
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agttcgctgg ccgagtccat gccccgcgc cttctgacta tgtgccgga cccgtctctc 540  
cccagagggc atgagatcac agacaccaag ctggtccaag aggcgcgaca agaggtccag 600  
cagttgctga acgccgatac ggtgcagcgg ctctgcgcc ttttttcccg ctttgtgcac 660

ccatacctac ccacatcgga ccggaggacg ctgaccaaag aaagtccccg cctcttggac 720  
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<212> DNA  
<213> Aspergillus nidulans

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aactgctagt ctccccggcg caatcggcat gtatgcgtc tctctcggcg tacaacggat 180  
tgatgaagct ctccggctc cagtctacgc tctcctctcc ggctgaacg cctccactgt 240  
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ccgaatcctg 310

<210> 27197  
<211> 289  
<212> DNA  
<213> Aspergillus nidulans

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gcctcgaaac cggctgcaca agatctcatg atgaagtcac tcgatattgt ctggcgagac 180  
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<210> 27198  
 <211> 327  
 <212> DNA  
 <213> *Aspergillus nidulans*  
  
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<210> 27199  
 <211> 613  
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 <213> *Aspergillus nidulans*  
  
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 atcgagacaa ctc 613

<210> 27200  
 <211> 238

<212> DNA  
 <213> Aspergillus nidulans  
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 tgaacccgat gaggtcctgg acggatctca cggggtgata gtggtacata ctcgacatcc 180  
 caagtggtaa gaattgagtc tagattggag tttgacctgt tcaacctgga tcaggtag 238

<210> 27201  
 <211> 692  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27201  
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 gaagctgtca gccgtacaat acaaattggca aactcgagtc aagttattgt tatcgacagc 180  
 gatattgaca ccccgagtcc agcacggagg gctgacgatg aagatataga tgatgctgat 240  
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 aatatcgaca atgaggaaga ggattatgat gatgaagatc cctggcttcc gaggcacaac 360  
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 agatatctgg caggagcaag ctaaagacga ag 692

<210> 27202  
 <211> 785  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27202  
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 <212> DNA  
 <213> Aspergillus nidulans

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 aatgcaatga ctgccgtcaa tccaagcttt atcaaatcag ggctacagtc tgattgttca 240  
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<210> 27204  
 <211> 237  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27204

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aaagctgacc gctacacacc ttctattcct gttcgcgact atgtaattat ttggtatcag 180  
ccttatgatg gaggatttca gagcggatgg gaccaaagc acagtccaat catgtag 237

<210> 27205

<211> 690

<212> DNA

<213> *Aspergillus nidulans*

<400> 27205

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gggtgtcagc ttcgacctgc ccaagtatgt caactaagta attcttgtct agtccgtggc 180  
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caacactgtc acgatcacca cgacctactg tgaggacgag accaggccac ctgtccaccc 360  
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<210> 27206

<211> 234

<212> DNA

<213> *Aspergillus nidulans*

<400> 27206

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agtctgttct tcattctgat tggattgagg atgcagctta ccgcgggaaa ggatgttgcg 180  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27207

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 ttatgtag 668

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<210> 27209  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27209

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27210

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gacaagaagg tcgatctagt cattggtgct tatcgcgacg ataatgcgaa acctggggtt 240
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<210> 27211  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27211

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 accggagtgc cggtagccca gtttcacgag actgcagaag cgctggcact atccggcagt 540  
 ctgctctcca cggccctgca gggcgtctac cagtetaacc aagccaccgc ggcggttgc 600  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27212

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 cgatgcacc tgagactggc cctgagtctg cgctgaggt cccttcccc gcctcgtccg 240  
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 ttcagccttc ttctgc 316

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27213

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 ggccatttca caaacacaga tcctgttctt acgcctgacg agcagtatgt attccctcac 300  
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gagaagccac agagcactgt catactcgag accaatgcca aaatcgacaa gttcagagta 720  
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ggttctgttt tgatatatca tattcaagggt tccacgatta agaaccacc caggcgacta 960  
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<211> 360  
<212> DNA  
<213> Aspergillus nidulans

<400> 27214

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cccgaaggac cgttctttct tggaccggat ctctcttttg tggatgtcca agttgcgccc 180  
tggataatcc gcttgaaccg cgttttgaaa ccataccgtg gttggccgga cccggaacca 240  
ggaactcgat ggagcgcttg ggtgaacgct atcgaggcca atgatagcgt caaggcgacg 300  
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<210> 27215  
<211> 339  
<212> DNA  
<213> Aspergillus nidulans

<400> 27215

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agtgccgacg ggaaccaatc aggagatgga atgagctatg gcgagatgat caacaacgcg 180  
gcggtcatgg tggccgtcgg gtctgcgccg accttggcag cgctgttccg ctgcccgtat 240

ctactctgca actctgttaa gtcggtcggt gatgcttccc attttgagct atacatcact 300  
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<210> 27216  
<211> 463  
<212> DNA  
<213> Aspergillus nidulans

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gatgtttctc gaagcgttgc ggaggcacac gaaactcacg agggatcggt tgccgaacgc 180  
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gaggagtcca agattgagca acgcagtacc tcgccaacgg caaatgtttc tcaatcaaaa 300  
gtttcctatt ccattccgga agagagggag cctgaggctg gacctgagcc tctgaagcga 360  
accgagaccg aaggcaccga tgattttaat gatacccccg aagcagctat ttatgacgaa 420  
aacgaaggcg agaaaacaaa gaagaagaag agaagaaaga ggc 463

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<211> 207  
<212> DNA  
<213> Aspergillus nidulans

<400> 27217  
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gtcatcaata aaggaaatgt gaaggtaat gtcctcttaa gcggcccgcg attgccggac 120  
aatgttgtgt caaaatcagc gggtgccccg gaggaactag tcccagccgc ccctgaagct 180  
tccaaacaat tacagaagat ccctata 207

<210> 27218  
<211> 264  
<212> DNA  
<213> Aspergillus nidulans

<400> 27218  
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acgccacatg cacctcaacc agtcaactgac catgagccat atactagcgc tgcgatcctc 180  
atagcggaac acgagggccc cactgccgaa cagaaaccag ctgctggcga ctctacgtat 240  
gcgacagatc agcgcgagac ttga 264

<210> 27219  
<211> 2556  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27219

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ggcggcgact ctctgctggc catcaagata ttggcccaat gtcgggctca gggattacc 180  
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gacacactct cgcccgagat gaaggccaaa ttgtctgcgc tctccgtatc ccaggatacc 420  
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cagaatcctc acctatactc gtgctgcttt gtgctcagat taaccctc acaccaggc 540  
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gaaagccgca tgaacagtct caccgaagct ctgcaggggc tcgctgtcaa ctacgtcaat 2460  
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tcgctggagg agaggctatg gaccctggga tcatag 2556

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<211> 393  
<212> DNA  
<213> Aspergillus nidulans

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 gctgctatct cgcattgtat ggctgagacg atgggtcttg agtataacga tgagaaagtc 180  
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 cagtgtggat acgaatgggt ctggcttgac cttttggcta tcccgaagaa gtcggaccct 300  
 tccactagcg atgctcgtct tacagagatc aagactctca ttatcaacag tctggacgca 360  
 gtatacagga atgcggacca gttattgtgc tag 393

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 <211> 305  
 <212> DNA  
 <213> *Aspergillus nidulans*

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 ctctgggctg ggggtccagcg agataacggg gacggcttca ccctcgcccg gtacgacaac 180  
 cacgatatca gctttgacgc caagcttgaa tccatccggc caatcttcca cgaaggcagg 240  
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<210> 27222  
 <211> 321  
 <212> DNA  
 <213> *Aspergillus nidulans*

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 cgcactaaca aagacgccgg tcgagacctt ttggctctga gccttgatcc agctttccag 180  
 ggaaagcgcg gatattatgt tggccagaaa gaagaagctg cggcatcggg gaccggagac 240  
 gctgcgggtg aaaggcgccct ctgggaggcg tgctggcagt gggccgggct tgctcctgag 300

gaaactgtgc tctgtcgcta g

321

<210> 27223  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27223

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cgagaaatcg gcctccgaaa ctctttttcc agaggccgtc gccgccgagg agccagctaa 180  
ggaagcagt actgaggagc ccaaggcaga agaaaccgcg gcaccaaccg actccactga 240  
ggcccagaaa gaagccgcag aggagccagt taaggaagca gtgactgagg agccaaggc 300  
tgaagaaacc gctgcacca ctgagcccat tgaggctcag aaagaagctg cggaggagcc 360  
ggttacggaa gcactactg aggagcccaa ggcagaagaa gccgcagagg agccagttaa 420  
ggaagcagt actgaggagc ccaaggctga agaaaccgct gcacccactg agccgattga 480  
ggctcagaaa gaagctgcgg aggagccggt tacggaagca tctactgagg agccaaggc 540  
agaagaagcc gcagaggagc cagttaagga agcagtggct gaggatcccg aggctgaaga 600  
aaccgctgca cccgctgagc ccattgaggc tcagaaagag gctgcagagg agagcaaggt 660  
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caaagggtgaa gaggtggcaa ccgctactga cgctgttaaa tctgtggaga ccacaaccgt 780  
cgagcctgct gtcgaagcgg aagccgcaac ggagaaggcc aaggtagagg aatcgaccac 840  
tgtcgacgaa gttgctgaaa ccgaagtcgc tgaaacagca aaggaagtcg cttccgaaga 900  
gccaagact gaggaacctg tcgccgttgc tgaac 935

<210> 27224  
<211> 279  
<212> DNA  
<213> Aspergillus nidulans

<400> 27224

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gtcgcaaata accttctccc catcgccaag ccaacttgcg ccagaatcac ttactccact 120

gccatggcgc caggcatatc aggctataca atcttgaagc ctgcaatcat gaaactgac 180  
gagttcatcg agttcatcgc ggccttacac ccctccagct tttgcagccg ctctgcaatt 240  
caggggttacc tgcgaccgcc ttcttgccag aacggctag 279

<210> 27225  
<211> 274  
<212> DNA  
<213> Aspergillus nidulans

<400> 27225  
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cacgtactct gtctctaaag ctagccacct caaatcacgg tacaagccat cgatttgctt 180  
cgtacatcga aggtccgac cactgcgtta accgtctctt tgcattgtaga ttgcaaatga 240  
tcgcacgggc tccgacacct atcctttggg atag 274

<210> 27226  
<211> 351  
<212> DNA  
<213> Aspergillus nidulans

<400> 27226  
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tcatccacaa caaggtcaat gctatgctgg gaaagccagc atttgactgc aacaagatcg 180  
ggtgactttt acgattgagg atgtggagat gaggaagaaa aaagcgaggg cagtggctcc 240  
aatagcggac acaagaccgc tcctcgcgaa agtagcttcg gtgacgacac tatctcacct 300  
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<210> 27227  
<211> 259  
<212> DNA  
<213> Aspergillus nidulans

<400> 27227  
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aatggaattc gtgaacaccg cgctggcctt gaagatgctg aagaggagag tgttgaagat 180  
gaggatgctg acggggaaga cgaggccgcg cccatcgagt ccacgcctct acttcccata 240  
ttctccgcac ctcacctag 259

<210> 27228  
<211> 417  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27228

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aagcctgatg ttccaatcaa gaatggcctc agtgaagaaa gtgcagtatg ttggaggcat 180  
tcagatgagg ccgcatcgtc agtacagcag ctggtgattc gactcgttgc ggatacaggg 240  
gacgtgagtg attccgcatt aaagcccggg ccagagctgt actctggtgg catcgccagt 300  
ctaggagcaa tgcgtttcta caaagctgat aaccattggg gtccttggct tgccggcggg 360  
gaaagcttta aacacattta tgtgcgaggg gttgtttttt tgccaaagct ttggtga 417

<210> 27229  
<211> 416  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27229

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ctaccaaga cgctcactct cccacctccg gtcttgtcac cccatctcct ggagataata 180  
tcgcttcaga agaatcctct gaggcgactg tggccgcgaa tacaccaacg acaaccgccg 240  
aagacgaagc ttcggggagc atggctccag agaacataac aagcagcagt ctagagtcct 300  
acaaacctcc ttcgttgcag tctctcctat catctatgtc catcgaatgc tgccgtcaat 360  
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<210> 27230  
 <211> 240  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27230

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 agcgggtggca gtgagacaac tacaacgccg gctacaacag actatgtgac cgtctacccg 180  
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<210> 27231  
 <211> 330  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27231

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 atattagcta ttggcgcggg caaatggcgg atacaagtat aggagtcacg ctgaccgaag 180  
 cagaattggt cgacggtctc tagattgacg acgtacctca ccatctgctt ctataccttc 240  
 ctcgccaatg tcaatagcag taacttcaca gtggctacaa aggccattgt tcaggaattc 300  
 ggcgctctcc agaccaagc cggcgagttg 330

<210> 27232  
 <211> 330  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27232

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 gttgttatat ccgacttcaa gcagtctcca ttaaaaaagc gccgtgggtca ggcaaactcc 180  
 gataatctgt cttctgggga ggcttcgacg tctggagctg tggagagtgg tctgggggat 240  
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<210> 27233  
 <211> 495  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27233  
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 tccggcaact acaacagctt tgccatcatt cgtgagaacg gcgaggccat ctacaacgat 180  
 gggtagccca aggacaggct cccgtgcttc aacacgggag acggccgcac attccaaatc 240  
 gagggcgact gctgggcctc tggctggcag ttccactgct tgagtgactt tggcggctcg 300  
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 aaggagacta ctttcattgg gatctcgatt ggaacggatg catcctgtgt cgtggagttt 420  
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<210> 27234  
 <211> 276  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27234  
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 cctcgctcga ggctttctgt aggcaatcgg tttagtgaac atgacgatgg tcttctaagt 180  
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<210> 27235  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27235  
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tctctgaagc tctttctgtg gaacttcgtg cctaccctgg aatcgtaaac acactactcc 120  
 ttccccggccc tgcggaaacg caattcatca cgcgatcgca cgcccaggaa acgggtcatga 180  
 tggctgcgctc gggggcggtt gaggatccca agtccgtcgc gcaagtcggg tataaggcgt 240  
 tgtgcaaggg caagcgagag gcgttcagta gttggaacgc catgttcacg agtccagtct 300  
 tcaacgtc 308

<210> 27236  
 <211> 369  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27236  
 atggacaacc cacggggcgt ctcatgccac acaaaccctc ctgaatcgat aactgaccgg 60  
 acgaggttcg gcatccgggg atgcatcggt tacgggtacc cgtctactgg cggcgttctc 120  
 atcaaggggc ccattgacct tgtcgatatt accttctctc cgctcccacg tttccatgta 180  
 gcgcagcgct ccccaagtgc cgaagaggaa gacagattct gcaatctcct gcgacggctt 240  
 ggtgcgacat ggtggccaag taaagaggag tatatcatgg taaatatggg ctccaggag 300  
 aagacagagg aagaggaaaa ggtcctggta tttgggtggc cggcggacgg cgtggggctc 360  
 ggggtgtaa 369

<210> 27237  
 <211> 856  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27237  
 ccaccggatg ccttggctgc tcagttaact gagaggagag tgaaagctga ctatgtattc 60  
 ttttatgcct acatccaacc tgctccaaaa gacggaggcg gcatttggag tgccgccgaa 120  
 gaattggtca ggggtcaacag tacgagtcct gcatccggtt gcgttcacgg cggcacagaa 180  
 ttactttaca ttgtccagcc aaacttctac acaacttcct ctgagccttg gccatttcaa 240  
 acactcttcc gaagactttc ctctccaac tcggcgcaaa atactacggc gtgcaacctg 300  
 gtccggccca agtccccag gaagaaaccg acccgctgtg gtcctcgaa ccgaacttct 360  
 actacaacca agaagactct ctcatcggt tcgctaaaag taacagcttt aactggatta 420

cgacccgccc ttectggatc cctggcgctg tcccggatgc tgccatgaac ctctgtctcc 480  
 cgctggcaat ctacgccgtc gtccagaaac acctgggaaa gcctctcgaa tacccatctg 540  
 acatcgtagc ctgggaaacg cagcagacca tttcgagcgc ccagatgaac ggctatctgt 600  
 ccgaatgggc tgtgtgacgc gcgacgccca gaaccagagt ttcaacgcta ccgatgactg 660  
 tgcgttcacc tggagcaagt tctggcctaa actagctgcc aggtttagtc ttccatggct 720  
 gggctctgcg accgaccag ctggcctgca agaggtcgag acgccgtata accctgccgc 780  
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 gaagaccga agttaa 856

<210> 27238  
 <211> 540  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27238

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 aagcttgacc ctgagaagcg accgaccca gaacagttgg cgcacgaacc tggatcgctg 120  
 gaagagtcag cccaggcaaa gccggaggaa accaacgcgg aaatctccgc catattcgcc 180  
 gcagtgttga gggatgtgag gaatctacaa ggtccgcccg aacacagagc cagtgacaag 240  
 gccacgggag cgggtgaggga ggaaacggaa aggcgcaaag aaaggctcgg aagtgaagcc 300  
 gaacagagtc ttgatacatt tgcagcgtca agggaacaag cccgacttgg ggagctacct 360  
 agggatgccg tgcagacca ggagagcgag cgccacttac cggataccaa tgatgcgctg 420  
 gcggagctcc ttcgaacaaa cgagttgacc ctagccaggg ccattgaact agtcgctgag 480  
 cgggagactg cgaagatcga ctcgaccctt cacgccgcgg ttgaaaacac gactgactag 540

<210> 27239  
 <211> 216  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27239

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 ctcccaatcc gtcacgcac tgacgacca tcccgcccg ccattagcga gctgcgccgc 120

cagcgtctgc gcgagttggc caagaagatg actggcgag agagtgagtg gcgatgaagaa 180  
tatgtgcctg atgcgggacg agatggcgcc agttga 216

<210> 27240  
<211> 645  
<212> DNA  
<213> Aspergillus nidulans

<400> 27240  
atgtctcacg aaataacact cgagcccttc ctaataacgg acatccggga agccctcgat 60  
gtttccgaac ttgcctttgc agcgctaaat cgattccttt atacgtctgc tctaagcgaa 120  
aaatccatgg atgcaatggc cgcgctacga gaaggacaat tcaaagagcc acacgtcaag 180  
gcatttaaag ccgttcatac tgcgacagga aaattagttg gcttaacgcg atgggcagtg 240  
tacgcagaag atcaagttgt ggagaagagt gttgaggagg tcgttgaggc acgcttagca 300  
gccgatattc ccgagcgccg ggatgaggtc gcaagagcca ttttcacgga aattgagtta 360  
ggaaagagag aattcctcgg tgttggtacg attgaaaata acgaaaaagg ggtcatcttg 420  
cgaaagaggg tcgaactgga agccatcctt gttcatccgg attatcagaa aaaaggaata 480  
gccaagagat tgctggcggt gggtattgaa gaggtcagc gactgggcct caatctttgg 540  
cttgaggcga cagatgaagg aaggccggtt tatgagaggg cgggctttca atctctgaag 600  
gaggtgaagg ttgtctgcga aggggttggc gagtctccgg ttact 645

<210> 27241  
<211> 219  
<212> DNA  
<213> Aspergillus nidulans

<400> 27241  
cccattgggtg aggtcggtga ggaagccagc tctatcggtg aactcgtaa ccacaccggt 60  
gccccactg acgagctcct tactgtcgtt ggctcagacg gcaaggctct tctcatcaag 120  
ctcgccccct ccgttgccca cctcctgggc ggtctcggcc tctccagcgt cggttcttcc 180  
gttggcagca ttattgctac cctcggcaac aacctctaa 219

<210> 27242  
<211> 222

<212> DNA  
<213> Aspergillus nidulans

<400> 27242

atgacaggtc caggaagctc gcaagtccag caggcgtacc agaggacgaa aaccacccaa 60  
gggaccaagg gtggactggc ccagcgttta aagctcccc ctcaaccaca agccacagtt 120  
caggggtgtag ccagagttgg atcgacgcaa gcacggacac tggcaatgaa tctggccccg 180  
atggcgggatg gagctctggc tggctgggtc cacgggacct ga 222

<210> 27243  
<211> 213  
<212> DNA  
<213> Aspergillus nidulans

<400> 27243

atgactgcaa cagcaacggt gacggccgcc aatgtcgaca ccaatcagga gaaccaggtc 60  
aatgcctgcg gtactggagg cgatgcgacg ggagctgatg gcgagttact gctcgtccct 120  
tgcacgccgc ctgggtttgc cacgatacaca gtgacggtga cgacgaccgt tacagaaaga 180  
gagcctgctc agactattac ggtcacagca tag 213

<210> 27244  
<211> 216  
<212> DNA  
<213> Aspergillus nidulans

<400> 27244

atgaccctac gctcgtttct cttgggaagc gcccttgccg tctccagcgc tagcgctttg 60  
cttgtcgtcc ccgaaatcgg cgcagacggc tttgtcatgc ccgacgatgt cgcccgtctt 120  
aatccgcttg aggcccaggc ggctcagcag cagcaggtcg acctgctctg caccggttgt 180  
ccacttgcca ttcaaagtgg cgacgagact tctctg 216

<210> 27245  
<211> 801  
<212> DNA  
<213> Aspergillus nidulans

<400> 27245

gctggtcgac cagttcctga agaacaatgg acggcgctga atctgcaggt tcttgtctcc 60

atggctgaga tgtcgcacag caaagatccc gccaatccat ccaagacaga gactgagcct 120  
 gaggtactgc cggatgtcgg ccagccagag cctccacggc cagtcgagcc tcaaccagag 180  
 ccagagccag agccagagcc agagccagag ccagagccag agccagagcc agagccagag 240  
 ccagagccag agccagagcc agagcctgaa ccggaagctg aacctgagcc ggaaccctct 300  
 aaagaaccag gcactccacc gcaaccagaa acgtaggctg gcattcccac tcttctttcc 360  
 tatgattaac agtgctattt gcagccccgg tttatccctc gaacaaacat acaagctcgg 420  
 caaagaagct tctaccggtc aatcaatcac cgtcacaaca tccgctttca acctgagcat 480  
 tccctcccgg cgagacatga atcgaattat cttcatgcat ttcgacgaaa gccagggcga 540  
 gctggatacg gacaacttcg acgccttgct gagcattaac atcattcggc gtctgtcttc 600  
 tattcaaac cagaccaagg cagccgggga gagttgggag aacaaagaaa tgattccggt 660  
 ccctgcctgg ctgttggtct tactgagtgg cctgcagatc cgggtggatg tgaggaactc 720  
 gatgctggaa atttatatca acggcttcca tctgtattcg cttgccagac agtttgga 780  
 caaggggggc acgcatgtca g 801

<210> 27246  
 <211> 699  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27246  
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 ttccaggaca cgtttgtccg ccacatggta cagcaaggcg agcccgcat ctccatcaat 120  
 atcggcccca tccgagacgt cggatatgtc tcggagaacc cggaagtcgc agaggccctc 180  
 cgccgcaacg ggctcgggtc aatcgggtgtg tctgacgtcc tcatcgttct gaaccacgcc 240  
 atcttgaacg ctgcgggtgc caaccaagc acctgcgttg catcaatcgg gtcacatgcc 300  
 tccgacgacg aatccgagaa cggacgcgat ttcctcatga cggaccgtcg cttttctcaa 360  
 ctctgaagc acaacggcag taagcagaag agcgccgggtg aggctctcga cgcaatcact 420  
 ctctatcag cggcaacaca actcgacgaa gctgtccata tcgtcacaaa cgcgattctc 480  
 aaccagctaa gcaagcttat agtcacgcct gtggagatgc tttcacctgc gcagagtctt 540  
 gacagttacg gcgtcgactc gcttggtgct gttgaattgc gaaactggat cggggcgctac 600

ttgcatgcga atgtccagct tatgggttatt cgcgggacag ggagcatctc gcaactggcg 660  
gcaattgtgg cgaaggagtc gaggggtgtc aagctctaa 699

<210> 27247  
<211> 264  
<212> DNA  
<213> Aspergillus nidulans

<400> 27247  
atggccgacc ttacgcacta tattcggggc ggacctatgg agagacgtaa gcaattccac 60  
ggttactctg gctccaacta tacgtatcat gtaaacgcta tccatgatca ctttgtacta 120  
gtaacgcctt ctctgaacct gttgcagacc tataccatgc ttgatgactc tcgccctatc 180  
gtgaccaact gcatagatga tgactgctct acgctcacgg ctgtaccac cacctcgcaa 240  
cggagagagc gtacctttga ctga 264

<210> 27248  
<211> 420  
<212> DNA  
<213> Aspergillus nidulans

<400> 27248  
atggccgctc ttctgtatct tctgggcatt gtggcatccc tgggtgcggc tgcttggggtt 60  
ctacgaagga caacatattc acccgaatcg caagtgcagc tagaagttcc aacaaatccg 120  
agtccgataa gcaagaagct cgcagaggcg ctaccacata ttgtactttt gcatcgtaat 180  
aaggctttct tcaagtctat caactcatac tgggccaac aggagcgtga gggtatgcaa 240  
gcatgcatcg ttcaaccacg agaggctagt gaggtagcca aggtcatcgg aattctcaaa 300  
cgggagtatg atgaacaaga ggcgtcgctg actagtagat ctggtgatgt cttgttcgct 360  
gtccgagggg gcggtcagtc tcctgttcct ggaggtgcaa gcgccaagg aggcgattga 420

<210> 27249  
<211> 630  
<212> DNA  
<213> Aspergillus nidulans

<400> 27249  
atgggggcaa aaccagagaa gggagcggcc gccaccaaac acgagaacaa gaagaccgag 60

cggagacagc cagacaacgg ggcgcacaca gaaaaaggag cccacaccaa agggacaccc 120  
 gaaaaccggg gccacgacca gaaccaggga caccacaggc cggagcaaca agcaggaagg 180  
 acagaggcca agaggggagc gcagcaccta agcaccacag gagcccgccg aaggagcaca 240  
 accaaagagg ccccgaccaa aaaggaacaa aggccagacg acccgccaca accaggggag 300  
 gaaccaaaca aaggaaaaag gacccgaggc caacaacccg agacagcagc caagccaacg 360  
 gcccaaaaac agaaggcacc gaccccaaag agaccaaacg acccccgga gaacaccacc 420  
 cgcgggagcg ggccaacaac gggaccgcaa cagaaaggcg ggaggacacc cacgaccgag 480  
 gaaccaggaa aaaacaaagc cgcacggcca caggagcggg aggcaaccag ccgggggggc 540  
 caaccaccgg gccccaaaa aggaaacccg ccaaaccgac acgacaaaaa aaaaagaaaa 600  
 gcccagcgcg ccggccaagc caaacctga 630

<210> 27250  
 <211> 271  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27250

atgctcgtct gtctcgccgc ggcgtcaggg tgccgctccc ggctgcgcct ggggtctcggc 60  
 ttcatgtctg ccctttgagg ggctgagcgg ttgccactc gatgtttttt tctctcgctg 120  
 gtgttcgcca gctctgtgag tggctctgtg ttctgggtctg cgcgggagcg tccggggtgc 180  
 tgtgggtgtg ccccttgcct cgctggggc ccccttcgtt ttatcgggcg ccccccggcc 240  
 ggggtgtggg gtcaccgttt tgatgtgttg g 271

<210> 27251  
 <211> 423  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27251

atgaaagtgc ctgggcccgt gggaattgag accacagtgc tttttgacat cgccggcggc 60  
 tattgtggaa actatatggt acaaacggcg gtggaaaact ttgagttcct tagccgtgca 120  
 accgatcctg aagttgaaac agcatatgac aagatcaaac agcagctgtc cagcgttggt 180  
 ttggagcctg acccgctcgt gtccaagagg gaagttgtcg agaccatgtt caaaacaacc 240

tccgaacatg ccattgccatt tccagtgcga atgctggatg atgtggctac tgcgatagtg 300  
gagtatgcc agactctaag caccctggaa agtctcgccg cggaagccct tgaaacattc 360  
gtggagctgc tgcgtttcgc ggtccaggaa caagggcaat ctggcataac agcgtccact 420  
taa 423

<210> 27252  
<211> 447  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27252

atgaagacag actattccac gtctatcaac aaagatgatg atcggaggga gctcatggag 60  
gtgtcgacag agctcatgca atacgtcttt cagcaggacc gaagcctcga agtataccga 120  
agaaatcaat atcaccagcg cacaccaagc tatccagaga gtataccaag tcttctctca 180  
tcaaccggcc ccggaacctc agctacaagc cctcttacct tggggccccc tgactacgac 240  
ggttatcttg cttegcctat atctctatcg cttctcgatg tgcctgacat ggattacttc 300  
cctggagctg atatgagcgc gaatgtcatg gatgggtttc ctgatcctcc gtcattcttc 360  
ccatctggag aaccgatacc aacgctcaa gagaatatct tgaagaccag tttcgcggat 420  
tctcccgttc cggcaaattc gctttag 447

<210> 27253  
<211> 317  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27253

acctttcttt tgctctatca tcaactcctcg ttogatgacg ggaaataccc tccccgccgt 60  
atcaatgttg aattgtcgta agtccatgtt taactttcat cttgccacac ctttccaagg 120  
ctcactgaca aataacgtat attagcgtcg gcgggggccc taaatccgag ctccgcatgg 180  
ctaatacga tgataagaac cagaagcttg cggaggagag gaagctcccg gctaagggtg 240  
ccaatacga accggtctat attgccacag ctgacgcgaa acctaataatg gacttcaccg 300  
attatccatc cgattag 317



<210> 27254  
 <211> 371  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27254

atctacggcg cggccacgaa acaggtgctc tgctcggcat gacacgcaac gcgagacggt 60  
 gggtcgacac cgaagggcgc caccgcgtgc ccaatgccgc tgacgtcgtc ttcctctgga 120  
 tcccattcaa accggagtgg tttgcgcccgc gcacctcaac ccaggagaca atactgcttc 180  
 tcgcacgcga gattcgcacc cagttaggac cccatctgac ttcgcccat tataatctcaa 240  
 cgctctcctt cacggcagac agggtgattg ccaatcttgc cggagagggc gagcccgtcc 300  
 catcgcccca ggcgcgggtt ttctcgccgc agggcgcgct ccctcttcag agggattttg 360  
 cgtcgtccag g 371

<210> 27255  
 <211> 246  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27255

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 gccagcgggc ctacaatcgc ggccgagttt cagaccttaa aggtagatat ccggagcttg 120  
 cggatggacg tgcaggggtt gaggcgggaa atggtcgagg tgcgacaaga gttgaacacc 180  
 aagctggact tgattctgca ggcgctgcaa caggatcaagg cgcagactga ggcaaaggaa 240  
 acatga 246

<210> 27256  
 <211> 502  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27256

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 aacgttgaag agttgctgaa gagcaacact ccgctgaacg tactggcact gaaccagccg 120  
 gagaatatcg aaaatcgcgt caatatattgt tacttcgcgc tttcaccgga agacgaagcg 180  
 cgcgatgcag gtactatatt cgtgaccagg gtaaacaagc gccgctggtg ctgatccac 240

gcagttcatt gggcgatcgc gtaccacatg cgtttgcgca agagtggcag aaactgggcg 300  
 gcggcaccgt tctgcaacaa aaatttggtt ccaccagcga attacgcgcg ggtgttaacg 360  
 gcggttctgg tattgcttta acgggtagcc cgattactct cagagcgaca accgactccg 420  
 gcatgacgac caacaatcca acgctgcaaa ccacgccaac cgatgaccag ttcaccaata 480  
 atggcggtcg tgtcgatgcg gt 502

<210> 27257  
 <211> 312  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27257  
 atggccaatt caacgtcttc cgataacgaa cctccttata tgagggtttt gaatgctgcc 60  
 aggaatggcg aaaaaggtgc cttgaaggt cgagatggag agattctagc gtcagcccgc 120  
 gactcaatat ggcggaaagt tgaaggcaat ccgaactact tgctgaatcg acatgaattc 180  
 gcattgttca actattaccg acaatactac gagaagaccc cgaaaaacaa agaaatcgcc 240  
 cggaagcggt ttgcgcggtt ttgggacaac tattcagaag gaccttcagg atctggaacg 300  
 gccaaatcat aa 312

<210> 27258  
 <211> 518  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27258  
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 gctaaggcaa atagttccgt cgtcaagggc aagggcgcag aaatcgagca cgtcgaagcc 120  
 cttgcaagcg gtggcagcct cgtgaaaggg aaactcggca aacgacagcg tctgaaaagg 180  
 cattttgcac gattctggtg ctgttacctt ctgcgcggca ctatcttcct cgccattttt 240  
 ctgccggtct tgtatgttcc agttcaaccg tattcgcatg gcagttaatt gttgagacta 300  
 acaggcacga atagcttcct cgtcgccatt cctgccatag cccagcgcct tgtcgaagat 360  
 acctcgcttc ctgtctacgg cgcgcacatc acgaacccca agccggacgc gttgacattc 420  
 accctcgact caggacttag cgtaccactc ggcctaagcg tgcggcttga tcccttcaag 480

ctagatcttt tcaaccgga ctccgacccg gagataac

518

<210> 27259  
<211> 539  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27259

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gtggccaggt cagccgtga caatcccgac ctcttcccc ggcaacacca acagttgagc 120  
gtcgccgaaa tccagcgga actcaacagc atcctctcac cgagatctat tattttcggt 180  
gtagacgatg cccgatacgt gaacgcgacg aagccttgga atactgttgc cagccgcac 240  
atccagcttg tcatccagcc gggcgaggag gcggatgtct ctacaatcgt gcgtctcttt 300  
ctcctccttg attcgtaata taattgatag tgcataagta tcatactgca atgaaaataa 360  
tgtccccctt ctgcacgcg accgcgcca cggcggcg cgctccctca atgccttcac 420  
cggcaccaa attgacctt cccctttctc agagatcaca attgactcct ccggcacctc 480  
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<210> 27260  
<211> 215  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27260

aacgacgacg caaaggacca gtatgagaca ctgctcgggc tcgagagcga cacggcggct 60  
cctgcgcccg gcagtatcga gccaggttc gaggccggag tcgcggttga cgcacagctg 120  
gatatcctcg tcaactccga agccaatatt ggtatcaaga ttggcggcgg caaactggtc 180  
ggcgcgcta ccctcatgga tgcccagttg accgg 215

<210> 27261  
<211> 461  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27261

atggtcatca gcactcttgc cgcagggatc ctctccctca ccacagttgt ctcttctcc 60

atcaactccac cgcagcgggtg tttccttcca acctggaaa gtcacagctt caactgggtac 120  
aacggctccc acagcctcga ctgcatccac aatgaagccg acatcaacac gaaaggctgc 180  
ctctgtggcc gcggctggtg ctccccagag ggcggaggaa ccgctgtac cgcgcaagtg 240  
gcaactgggt caactgtgac tacacgggca tgccaaacta tcagctgtgg gggtagggcc 300  
ccccgcagac cctgacctt gagttcgcag acggtctatc ctgcgccgac cagtacatcg 360  
ggtttcgggt gcatgacatt ggtaatggcc cgagtaactg tggctacgcg gaccgtggcc 420  
agggacgcat cgtctcgttc tacgggactt caaatgaggg t 461

<210> 27262  
<211> 615  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27262  
ccgtctagca agcttcgcga acgacatagt ggcagcttgc gaacggcggc ggccaggcgc 60  
tcgcataatg tttttactga taacctatt gtcactggcc cgcgcacgag caggtcaaag 120  
aagaggctcg tggagataaa caccagcgac gaagaagaag agcaagattt agatgaccag 180  
gaagaagacg aagttgatga tgaagatgcg cctggagaag atgatgaaga tgaggatgca 240  
gacgcagatg gcgatgtgga tatggacgac gctccacctc aaccgccagc atcaagaaga 300  
cacgccaaag ctgctgtaac atctgcgcct agagggaagc cggtaaagag tgttgaggaa 360  
aaagagatgg agcttgatga agaggacgat gaagaggatg aagaggagct atcagaacct 420  
gattcgaatg cggatggtga agccgatgac caggaagaag gaggtagcgt caacatggat 480  
gaaaccggtg agcaggatga ggacgaagaa gacgaggagc tcgacagtga cggtgaaatg 540  
ccggatatga gcaaattgac caaacgacaa aggggttctt tgggcaatga cttcctgcaa 600  
ctcccaatgg gttag 615

<210> 27263  
<211> 202  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27263  
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actgtaagtt aaaccgggaa gccggaggat ctccgagccc gacatatctt ggtcgttggc 120  
atgtaacgca tcccagctcc cggccgggtgc tccttgcaact aaggatggaa agatgggctg 180  
ctgcgagtct ggtgtttgca tc 202

<210> 27264  
<211> 984  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27264  
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accctccgcc gccgtatgat gaagtgattg acgatctgcc tcccaggtac tccgaggccg 120  
cgccgctagc tcagcagaaa tgcttgcccc aagacgtgga cttggaggaa aagagcgatt 180  
cgagaaacaa gtcgtcgcac caaactatcg acttcgagag ccctatcggc attagggagt 240  
ataaaggcaa gaagaaaaag ggagggggcg cgaagaataa cccgcccccc cctgcgaatg 300  
atccgcctcc gccgccacca cccaagaaa aaaaggatcc accggacgaa ggtgccggtg 360  
atgcaggagg ttccggagat ggaaatgatg acgacggtga taacggtggt gacggtggag 420  
acgaggatga cggctggggg gatgtttggg gcacaacaac taaaagaag aagaagaagc 480  
agaaacagaa agaagaggag gaaaggctaa agaaagagga ggaagaacgg ctggctaaag 540  
aagaggaaga gcgtaaagct caagaagagg cggaacaaaa agccgcagaa gaggccgcat 600  
cagcccaaga tgcagcactc agctgggagg acgacgctga tgcaacaac gacgactcat 660  
gggctggagt tgggtggaag aagaagaaa agaagggcaa ggtaggtatt ttgtgtatct 720  
actactaaag cgcttgatat tgactgaatt agttggaacc aggcggggccg gagccgccgt 780  
cgaattcctt tcaagacgtg agtctgaacg atggagcccc tcagctcgat ttgaacttcg 840  
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gtggtggtgg tggtggtggt ggcagcaaat ggggtatcga cattccaggt gcagctacag 960  
gaaaaaacac gaacccatgg ggcg 984

<210> 27265  
<211> 229  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27265

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acattgacct acgcgcgcgc cacggctagc agtcgtgttc agatcgggtt cggcctgggt 120  
agcggtatag cgttgcgctc gttccgacct gcatccgggt tctcgtcatt ccctgggtgc 180  
gatgggactt ggccgttcta caccggcttg gggggatttg ttatcgatt 229

<210> 27266

<211> 273

<212> DNA

<213> *Aspergillus nidulans*

<400> 27266

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gcctactggc tgcctcttcc acttacttca ttcacctact ctctgcatct tcttctgacc 120  
gcttttgcca cgccgcatca tctttacttc aaggcggaaa tacctgctac tcacaaaat 180  
tttgctgccc ccccaccatc gtaccctcta gaaaactgtc ccacccatgc catcttcccc 240  
cccacggctc ccgcctctgg cgcttttccc tag 273

<210> 27267

<211> 479

<212> DNA

<213> *Aspergillus nidulans*

<400> 27267

gcttcgacaa agtagaagcg gagaaggcag cggcggcgca acaggcagaa aaagatgctg 60  
aactggaggc agaagaggcg tctcgacaag cagacgagct gattaacttc gatgaagccc 120  
ccgcgtctcc cgttgtggaa gaagccaaag cgctgcagc tcccgaagca gaagctgttg 180  
accttgcgcc tgcgcctgag ccagctgagg ctccggcgga ggaagcggca gccgtcactg 240  
ttgataagac agcggaagat gaccccaagg ccgccgaacc agaaactcca gctgaggcgc 300  
aacctgaggc cattgaagaa gcacccgcac ctacggttga ggaagctgca gcggcggagg 360  
aaccgtcaat ggagcctaca aaggagcctg aaccgagcga ggctgctccc gtagaacagg 420  
ccacagaaga aactccaact gacgaggtta aggagccgga gcattgcagt cgctcctaa 479

<210> 27268  
 <211> 369  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27268  
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 tctgtcacga aacacccaaa aaccacaatc gacgtgaata tcgtcgagat cactccatca 120  
 gaccgtgaca tttcatcctc atcctcatat tcatctgaaa tacagataga tgagctagag 180  
 aacgaacgcg cccgcctccg ccgccacatc ggctctgatt ctgcacaccc accgcagtct 240  
 caacctctct tcttcatcga gcgagtcccg gacacggaca cagcaccgat tccatgtagc 300  
 cttcccggtt gtagggaggg aattgccccg gggtcacagc ggttggctct gaacccgggc 360  
 atgagtggg 369

<210> 27269  
 <211> 317  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27269  
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 ccagggtctg tctcggtaaa taggtccag cgatccagaa cagcccgaac agagaaagaa 120  
 tctccactc acggccggcc gacttgggtga ttgcggattg cttgctcgcg gtacattcca 180  
 acgccagggt cgcattcttt ggctgcggca gcaaatattt gcgcgggctc gccgtcttac 240  
 attcttctgg cgcatttcca cactgttgg aaggcttgcc gtttccggca tttccgattt 300  
 cttccaggcc cagcatt 317

<210> 27270  
 <211> 315  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27270  
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 tcgtcaggga ctccgcagct gactcccat tgtgactctc gcaagttctg ccaatccaag 120  
 atcagggagc tggcagcggg gcatgatgga gcggcagggt acgtgggtgg cgctgggccc 180

acgttgGCCa aagtcCagcc gattgtcgac gtcgaggtcg gcatactaga gaggggagag 240  
 aaacatcaac ggcccaagag tacagacgCG cgaggtgtgg gatgtgtgat ctggtggaaa 300  
 tttctgtgCG gctag 315

<210> 27271  
 <211> 341  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27271  
 gccatgttca ctttctcctc tcttccctag ctcataaatc tttacagata ctctcatcca 60  
 agtatggacc tcttctctat ctccggtct tcaacttccc tgtagtcctc gtctcctcgg 120  
 cgtctgtggc ctacgagatc ttttaaggctc atgacttgaa catctcatct cgttacaacc 180  
 cttcaatcga tgattccctc ttgattgggt cttctgtctt tggtagtgct ctttatggag 240  
 attactttaa gttcatgaag aagctcctgg ttactaagct gcttggacca caggcacttg 300  
 agcgggtcaag aggcattccgt gcagatgacg tccgttacta g 341

<210> 27272  
 <211> 465  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27272  
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 tgggtggtaa tcaccatcct aggggccgtg actaccgtca tcgctgggtct ccttgccttc 120  
 atggagggtc gtggattgcc acaacgtcac cggaaggatt tggttgagat tagaaaagtt 180  
 cagacgtata ttgcaggagc ggagattaag ctgaaatatg gcgatcgcgc tcgtgcagtt 240  
 cgagacgtta atgcttgcac cgagaaagcc cgcgcccggt acgagagaat gcagaacgtc 300  
 atagacatga atcaccctga ctcttatcag gatgggcccc agttaagag atgcaaccga 360  
 ttagagggac atcgcccagt cgcgatgaa aggacgcccc tactcagagc cgccgcgga 420  
 agggccaccg gagctgacga ggaaggtggc cttggaggca gatga 465

<210> 27273  
 <211> 273



<212> DNA  
<213> Aspergillus nidulans

<400> 27273

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caggagatcg aacagcagaa gccctatcga cctgcccgat ggcagagtaa cctgacgatt 120  
ttgagttgtg taagtgttcc cttaaagcgc cataggagta tcaatcaacg cacagtcatt 180  
ctcattagcc cctacagtac atcgccaact tcagcgacgg cttccagaac ggccttgcaa 240  
atcccacaaa tgtcatcttc aagcacctgc tag 273

<210> 27274  
<211> 306  
<212> DNA  
<213> Aspergillus nidulans

<400> 27274

atggtgaacc tctggggctc cagcggcctg cccggaccag tgctcaagat cacagcgcga 60  
ggaaggactg gaccggccaa tttcaccagc tccatccgcg ctggactgct cgcggcgtac 120  
ggcgactctc atccgatcag tatgggcggc gtatttctcc tcaaggcggg aaaggccaga 180  
ttccatgtca tgccggactt tcctgctcca gagacctgcc gttcaaagat cggaggtcct 240  
agagcaggag tggctaaagt atcataccag cgaagcgccg gtggtttgct tgaccgtctt 300  
ccatag 306

<210> 27275  
<211> 510  
<212> DNA  
<213> Aspergillus nidulans

<400> 27275

cgaataggaa gtacgagagg ttggagaagg aaactgatga gttgagaaag cagctcaacg 60  
cccacacagc cagcctacac cagatccgcg aatccgctac tacaatgatg cccaggccca 120  
atcccgcgga caacgtcaag cgcaataaag caaccggtgt ctgcattgat gcgaacgatg 180  
cggagattag ttgctctaac ggagctgaga gtctgcagct gctgtttcaa gacatcgctt 240  
ccgacgggct acctcacctc actgccgcta cgtctgagag tcctagctct aacgggtcga 300  
agcttcacga gatggtgccg ggatccatct acaagaacac agccagtggg cagacacgct 360

tccagccatt gcagccgccc gtcggcatgg gacccgtcgt gtcgaagaag aagaaccttg 420  
ccatggctgg agttgacctg gatcgacgcg taccgcgcac cctaggcggc gtcactctga 480  
gtggcgatga gatagacgag atatttatat 510

<210> 27276  
<211> 222  
<212> DNA  
<213> Aspergillus nidulans

<400> 27276  
atgtcttcca ccaacaagtc ctctccaaag accttcgacg acgcttcgtc gacctactct 60  
acagcctcga cttccaccgt catgaaagag aaggaggagg ccaagcacia gtggcagaac 120  
aagaacaaga gcaacgccag caacgccagc aacgccgact ccaagaacia ggacgcagcc 180  
ctccattacg aggccatggc tcattaccta gctttccgat aa 222

<210> 27277  
<211> 534  
<212> DNA  
<213> Aspergillus nidulans

<400> 27277  
atggccgata tcgaagcaga agtccccgaa gccggtcacg gtcacctcga cgaggacgct 60  
actcgcggga ccgtttctgc tcgcaacggc cgagccgggtc atactcacca gttcctgcag 120  
ctcctgctcc tgctcagaac cagcgtact cgcagcagca acacgactcc tacagtcaac 180  
gatcattcgc tccacaacct catcctcaag cgccacaaat ccatcacgta ccgccgcaga 240  
acgcatttcc tctccacca ccgccaaact atcaaggcgc gtggccgccg cctcctccac 300  
cccaaatgcc caactttccg ccaccatttc cgcagatgcc acacatgcag atgccaccag 360  
gtcagattcc gcccccgcca gggccgccgg ggtcatatgg ttttcctcct ggcggaagag 420  
gctggcatca acaacctcct ccgccgccgc cgtccggacg gggctggcgg tagctatggg 480  
tctactgtag tgtacgatag tcatgatatt gataagcttt caactggaca gtaa 534

<210> 27278  
<211> 525  
<212> DNA  
<213> Aspergillus nidulans

<400> 27278

atggccaagt caggcaagaa gaataagaaa ggcgttaaaa agggcaagag ccaggaggat 60

gctccagctc ctacagcctga agttccctct accgagcctg agcagcaaca accagcagca 120

gacacacctc aacctgaggt tccctctact gggcctgagc agcaacaact agcagcagac 180

acacctcaac ctgaagaggc gcctgagctg ccaactgctt ctacgacagg agaggagcct 240

aaccccctcg ctaaatacaga ggttacgacc caggttgctc cagagatagt accagatctc 300

aaaccggtac ttgagtctgc gccggaaaga gaaccagagc cagagcaaac gcagaacatc 360

gagcaatccc agacgccgtc tgacccggac attccttctc aaacaccgct cgaagacaat 420

gatttcaactg aaataaccaa acacgacact tcgtcaaatac aacctcccgg tatgatcgat 480

accagattg agcacaacca ggaacctagc cagcagatc taggc 525

<210> 27279

<211> 307

<212> DNA

<213> *Aspergillus nidulans*

<400> 27279

atgcgtttcc tccctcttct cttacagcc ggcctgggaa gtctccagct ggccgctgcc 60

cgctgcggta cccgcaacct ctacagcgc gtgcacgctc agcacaggta ctctctcgat 120

atggaagacc gggaggctgc ggcccgcgc agtgctggcg taactacgcg cgaggccttc 180

gatgtgacaa ttgacacctt cgtgcatgtt atcatcacca actccactgc cgggatcaat 240

atgaccacct tgccgtccca gatcgacgag caaatcgacg tgctgaatga gaactacctg 300

ggcactg 307

<210> 27280

<211> 321

<212> DNA

<213> *Aspergillus nidulans*

<400> 27280

atgccgggat tcaccccgac aaggaggagc gtcagatttg gcggaatggg gtcgcggaga 60

agagatgtcg aggcgggaag agaggacggc gaagacgtgt ttttgcgtgg agttgagctg 120

ccgcgggagc gggagcggga atgtcttggg attctggctg acggtgttgg tgattgtgat 180

tcaggcgcag atctagaaga tgtcgatgga actgtgagag agggcgaagc agaagaggat 240  
gctgggtgtcg atgagcggga ctgggagcgg gtgatgcggc gggtagccgt gattccagtc 300  
gtcatcgctg atacattctg a 321

<210> 27281  
<211> 373  
<212> DNA  
<213> Aspergillus nidulans

<400> 27281  
gcctatcctg caggcgcgcg tccgccgtc taggactgca ccgtccggcc tggagtatca 60  
tgtcttcacg cccaagggga tggccaagta tcttgagcgc caacagtcag ctctgatca 120  
tctcaaagac tttttctgct tagacgagtc ttaccgatcc atcactgact actgcggcgg 180  
atctggggtg ggaccaagcg cccccagtca ctcatacaac gtctttgtcg ctgatgcggc 240  
agatccagag gacgaaaagc gctgcacggc gttcaacggc gtgcaaaaca tgcaggagct 300  
tctcgagacg gaccggccac aaattacagt ccaggtaacc cggtttagtg atgctaccct 360  
gatcaccttc tct 373

<210> 27282  
<211> 330  
<212> DNA  
<213> Aspergillus nidulans

<400> 27282  
atgaagcaaa ccctattctc gtcacatctc atcccgtcc tcgcaccagc cctagcccta 60  
gtcgcgccga aacttccaac tggctcttggc cttgagaagc ggcagactgt gagtatatac 120  
tttattccag catctgttta ccttattttc tccgtccggt aggcctatag tcgagaagga 180  
gtagagtata gattttctct acataacaaa catcttacgc tccctgtaca gcccactaa 240  
acaactatca tactatagca gtgctccatg cttccctgcg acgaaaacac agcgatcctc 300  
tgcagtctcc taaattgcgg gacttgtgag 330

<210> 27283  
<211> 245  
<212> DNA  
<213> Aspergillus nidulans

<400> 27283

gcctaagggg gcgggattag acgtcgcgag gctcgtcgtg gacgaagagg ccaacgctac 60  
tttggtacgt gccccgactg tggttggtag ctaagctacc agcgacgggtg ggcccagata 120  
cctggaacaa gtggaacttt ggagctgaca tggtcgccat cttttagccg aactttattg 180  
agaacacaaa agaccccat atcatcaagc gtgcggttat cacaatcgcc cggagccctg 240  
aggaa 245

<210> 27284

<211> 225

<212> DNA

<213> *Aspergillus nidulans*

<400> 27284

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ttgcgacctt ctaatggcgc cggcgaaagc gtatcggagg gagaggctgt gctgcggcgc 120  
ctgcaacaag cagaacagtt tgcgcagtat gcgcgcgcac agaggatgta tgcgatgctt 180  
gttgaccggt ataaccgga ctctctgatg gacgaggagg agagg 225

<210> 27285

<211> 903

<212> DNA

<213> *Aspergillus nidulans*

<400> 27285

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ggcagtgggtg tctttgaggt caagtacttc aagcgaaacg catacctggc ccaaagccca 120  
caattgtaca agcagatgtg tatcgctggt gacatgcaga gtgttttcga gattgctcct 180  
gtgttccgcg ccgaggagag caacacgcac cgacacttga ccgagttcac cggctctgat 240  
tttgagaaga ctttcagctc tcaactatcac gaggttctcg aatttgccga gcagctcctc 300  
gtattcatcc tttctcagct caaggagcga tatgcggacc aaattgccat tatccagaag 360  
tcctaccca aggcaggcga tttcaagctc cccaaggacg gcaaggccct gcgactgaac 420  
tatatggacg gtgtggcgct cctcaaggag gcaggcgttg atgtgtcaga acaggagcgc 480  
ttcgagaacg acttcaccac tgctatggag aaacagctgg gacagatcat ccgcgaaaag 540

tatgacaccg atttctatgt gctggacaag ttccctatgg ctgtccgccc cttttacacc 600  
aaggcctgcc cccaagatcc ccgcttctct aactcctatg acttcttcat gcgtggcgag 660  
gaaatcatgt ctggagccca gcgtattcac gatgtgaagg agttggaggc ctctatgatt 720  
gccaagggcg tcaaccccaa ccaggagggc tttgaagact accatgctgc tttccgccag 780  
ggctgccctc ccacgccgg cggtggattg gggttgaacc gtattgttat gttctttctt 840  
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taa 903

<210> 27286  
<211> 525  
<212> DNA  
<213> Aspergillus nidulans

<400> 27286  
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gattctgcca acgaaaatga cgattccctt gtcgaaggcg cagagcctgt ctctccatct 120  
ccgactccca aaccaaagcg ccagcgcaag accgccccca agccgcaagt tggtatcgag 180  
aacgaagctg aaatggatca gtaagtatgg caaccttctt ccgtgttttag gtcgaccatt 240  
gtttttcttg gaaaacacag caccgggccc gattatgtat tgatataata cagtgactct 300  
gacgattcct ccctcaagcc tgagcagaaa cagctcgagg cagacctcac caacgccatc 360  
aaagccgagg gccaatcac cccaagactt catcgctgga aaaccgatga agaacaaatc 420  
atgacggaca tcaacctcga tgctgaattc gaggaaatgg agcgcaacaa gcagttatct 480  
gaagcccggc gtagcagtgc aaagcttgct cctttgcctg aatag 525

<210> 27287  
<211> 312  
<212> DNA  
<213> Aspergillus nidulans

<400> 27287  
atgatacggc acctctcgcc ggtctctctt cttgtcatga tcctggatgg ggtaatccct 60  
ccttctctc catcgctcact tggcgtcaat gaccggcaga cgcgcgccga gtttgccccc 120  
cctccttctc cggtctccag acactctcca gatccaagag tccagcttaa gacgaacgtg 180

acgattcgctc cagctttggt acgccgcct acgatgaggc aaataaaaaa aaaatcagtg 240  
 atcctgcggg caatcccgac gacccgggtc aagagaattt tccgcctcct cccgttgctt 300  
 tccctgggct ga 312

<210> 27288  
 <211> 274  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27288  
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 tatgtcctgg ttctccacc acgaaaggcc tttctccag taggcaaacc ggttgctct 180  
 gtacgtgaaa tggaagtcct cccaccgatc ctccgcaagg gtctgcatat attgcagcga 240  
 gctgccaggc cacagcgccg tgattttgcc agtg 274

<210> 27289  
 <211> 315  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27289  
 atgactgtga agctaccacc gaccgcaaa gacacgtcct tcaagcccct cgcctatcct 60  
 caccatttc aaccaggcta tcctactcct cagagcacg tcactataga accagtgaac 120  
 acagcacata tcccgctact ttctgaatt acgagcctgc tcttgcccat tcgctatcaa 180  
 aactctttct acaccgccac cgttacggat cctgtgatcg cgtccgtctc gcgtgtggcc 240  
 atctaccatg atcaccggc cgcctttgcg ccagcggcag ctattgcca gtcacctaca 300  
 acaggaacag ataaa 315

<210> 27290  
 <211> 426  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27290  
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ttgcgctgcc accctaagga tagcaagtcc cgcggtctcc tggaaacata taatatcatg 120  
 cttgaacgat caaatgatac atttcaatgg aaagtcgacg caaacgagct ggaggcaatt 180  
 ctagggctat ggacattctg gctcttgaag tacgatgcga agtggtcgca gaatggcctt 240  
 ggacgagtag tgggattgac taaagaagag gccaaagctg aaacaacaga tctatacttc 300  
 cacaagtgga ttttccgaca gaggaggga atgatggtat catcaaagat gatgtccttt 360  
 ccagggcaga ctttcgggta cttttccgat gattaccgg atagcaaggg agattctttg 420  
 tcgtaa 426

<210> 27291  
 <211> 204  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27291  
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 ttggagccgt ccccaaactg tctgtctggc agcatcctac ctttctctgg aggtttgtag 120  
 tcctgtagca gcacgtcgc gtctacctac tctgctaaga ttatgcaggc cctgggctat 180  
 catgcctctg gctggatact tgca 204

<210> 27292  
 <211> 1564  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27292  
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 tticggcgag atctacaaaa caaagtacgg tagttcaatc ccgaacgaaa agtggcgagc 180  
 gcttgccgag ctcttactta atcagggtgc cacggggcag gtcgtcgacg aagcgctgat 240  
 agaacgggtc agggctagag acctcgcaag tgtgaagcta ttgctacgag aaggcgcttc 300  
 tgtagattat gacaacgccg ctgctcttga tgatgccgtt gcctcgaca atgaagagtt 360  
 cattgacgct ctactgcaat atcagccggc agccgagtcc gttaactctg tcttctggcg 420  
 cgtagaagat cttcctcata gtgtccaagt gcgcatcgcg cgcaagttgc tcgacgctgg 480



tgccaatggg gagcaagtgg atagagtact gaaggtggcc atagccccct tggctggtga 540  
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 tggcgagcta cttcacctag ctgtcaatc tgccgacatc gagacactac agatcttgct 660  
 gctcgggttt cttcgccca caattctttc aacatgcgta ccgcttgcca tgaaacattg 720  
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 gatctcgcaa gcattggtag atagtatcga cgggaccaca tccgggcttg atctagccct 840  
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 ggattccgat ttctgctctt gtctccttgc tgcgatagac ctccaccagc gggatagaac 1020  
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 gaccgcgcga cttcgccatg aaatggaagg tttaaagcga cgatccgaat cgacgctagg 1140  
 agttttgcac atgatacttg aggcaggagc ggatgtcaac taccaacagg gacgcatctt 1200  
 cgttgacgcc attgcattgg acatgtttga ctgcttcaag ttgttcctag gcgtccatcc 1260  
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 cgaccgcgcg gccgacttac gatacctcca agaattgctc gctacgggtg tgccccaggc 1380  
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 cctctgcca tacgggtgcat ctgtcaatta tcaagatgga gccgcagtgc gcaaagctat 1500  
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 ttga 1564

<210> 27293  
 <211> 210  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27293

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 gcggcctccc cgagaagtac cagtttgacg ctgctgctcg gttttggcgc atttgcgggc 120  
 gttgattcag acattgtgga cgaagcccaa cgaagagacg gttatatcga tcaggtcgctc 180  
 ttgcagcaac cgctgggtta tcaatcgtag 210

<210> 27294  
 <211> 359  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27294

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 gcgtctttac gttgctaaga tcgatggaaa aatcgccggg acagcaggac tagcactcat 120  
 caccacatct cttggcaaag ttgctggagct gtatatcgac agcacgcttc cagagttcag 180  
 ggggaggggc gttcaagtgg cattattgaa agctagactt gctgaggcga agagagatgg 240  
 gtacgatatt gctgctgtga caacgtggcc tgggtggtgtg agtgcgagga atatggaaag 300  
 ggtaggggtt aagctggcgt ataggaagga tgtttacact cctggttctc ctgggtgtg 359

<210> 27295  
 <211> 369  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27295

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 gcagtcacaa gaagttattc ctgtgaagtc aacaagaccg cgcgagacga agcaagaaaa 120  
 aaatccaggg gaagcggtag atcaggagca caactggacg tgcgcccagg gcgtttcaag 180  
 aaggtcaagc taggagaaga agcggactgg gtgtgtagaa gcctcgagag tcgggagatt 240  
 atcgagagaa tagaaaaggg agaggggaag ggaacgaaga agcgagagaa gtggaaggac 300  
 gatgaggagg cagagaaagg cgatcccaaa gtgggaagcg ggaattggaa ccacggggcg 360  
 ggtacctag 369

<210> 27296  
 <211> 474  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27296

atggctggaa ggctgagcag gggactgctg ggggacagcg aagtcacgaa ccgatgcggt 60  
 ttcaaagggc aaacgacgcc aggtaacgcc ggaacaagga aaggacccgg gccgagacgg 120

gacagagggg aaaacaacca ggggaagaaa caagatgaca agcgcacagg ggcgaaacgac 180  
acaaggaacc ggggcgaaca gaagcccagg ccacgaaccg gaagggaacc ccaaaacggg 240  
aacccaaaga gcgccgtgcg gaatggacgg ccacagggga accccagaca agcctcccca 300  
aaaagccaga ggaccacctc tggaacaaaa gagccgagcc ctcagaaaag acacccccaa 360  
gcgggggccca ccggaaggca cccgccaggc caaggaaccg cccaaccccc cggggccaaa 420  
gcaaagcgga actaccccga gaaagagaag cttagcacc cccaaaccctt ctag 474

<210> 27297  
<211> 243  
<212> DNA  
<213> Aspergillus nidulans

<400> 27297

atgccctcga agcgggtcatc tcaaggaagc cgagcacccc agcaatctcg tatattgttg 60  
ggggaaacaa agcccggcgc cgacgattcc atcgagctca agcgagagat aacgcgcttg 120  
aaaattgaga acgatctccg tgctcttgca gagtctcgag agattcaacg gctccaagct 180  
gaggtgaagc gcttggaag gctcaagaca gaattgaaca gagcgattga ccggttgat 240  
tag 243

<210> 27298  
<211> 484  
<212> DNA  
<213> Aspergillus nidulans

<400> 27298

attatggcag acggaatcag cagtcttcct gataagaaaa tgcaggaggc actcaagatc 60  
attcagagta acgttcgggc tcttaaggta tgatatttcc cgcaagcaaa ctggtctcgc 120  
atatcatgaa ctgactgttt ttggaagggt acacaagaga ctgaaattga gctcgacatt 180  
gatgaacttc ccaatgatgt tctttggatg ctgctcaagt tcgtgaagaa aaacgcacct 240  
catgtagttg aggagggacg aggcctcctc gccagttgcc cccaatgctg caccacccaa 300  
accgaagaag aacaagccca tgagcaagta cgaacaggaa gctcagatta atatgctcga 360  
aagcaacctc tcacgcttcc aagggggtgg gcacggtcgc tctcccgaac cagttccttc 420  
actcgaggcc aatgatagca gtggtgactc tgaggatgat tctgaagaaa gcgaagaaga 480

gtaa

484

<210> 27299  
<211> 984  
<212> DNA  
<213> Aspergillus nidulans

<400> 27299

acgccgtcta agacgcccag tccagctccg cccccaacat ccgcgtcaac attgacagtc 60  
aatcctgatt acgcaaatacc atctttcgac cccgtcgact tcctcaacga cactctcccg 120  
ccactgagtc tccaatcttc acagtttcaa tcccaatcaa acccgcggtc cgtcaatctc 180  
accgacctct ccactcgcgt ccaatctatc ctgtcacaaa ccaatgcca gaacatccgc 240  
cactcaagca cgcttacttc tcttacggat gaaatcatcc gcagcggcaa ccggctcgcg 300  
tacgaagtcg aggttcttcg cggtagggcg atcgactct cggacttgct gacggagggg 360  
ctggcagagg agattgagag gtttactact acgccgacaa ttccggagga gaaacccgaa 420  
gacgaatcag atccacaga gcgaggagaa cacgagagga aaaagagcga accggagtat 480  
atcagcaacc ttgcaccct gaatcaggtc cgggcgcgct tggaagaagt cgttcagacc 540  
ttcggcgacg caatggagtg gccgcttcca ccgtctgaga cttcgataac gtcctcgttc 600  
atctctgttt ccgcaccaga tttaggcccg gacagtcaga cgcgtgagga gaaaggacag 660  
gaagctgcaa agaagctacg tggtagatc aatgagcttc tggatagcga tggtagggctt 720  
gaagctgcag cgcgcagggt ggaggctcta cggacactat ctttggtgtg gaaggggaca 780  
gcggaggaga aggcgcgggt gaggtttgtg gacggattag caaagctcgt cgaggagcgg 840  
aggagggcag ttgaggctcc gtcacagagt caacagacac aaatctcggg gtcgaggggg 900  
catcaaagac aggagagtga ggggcctggg ggcgggatct tccgcaatct gcaacggtta 960  
cgagaggaga ttacttgga atga 984

<210> 27300  
<211> 611  
<212> DNA  
<213> Aspergillus nidulans

<400> 27300

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gccgactgca ttgtcccca ccaacaagtc ttctcccaag cagcggtcga gatgatgtgg 120  
 tccatccgcg cctggctgtg tcccaacgcc tggaatcagt ggatcttcgc gtatccagat 180  
 agtgcggtgt ggcacgcagg tgggtggcatc gtcagcgcgt tctacgggtc ctgggaaatc 240  
 ctcggtatgc agagcgagca gcagtgtctg gtgggctttt catttcctgc atcgtttttag 300  
 gtgcattctg tcataatgaa gctcgcta at gagggcagga tatcactgag gaaatcatca 360  
 accaatgcat gtggtacggc ttgcggaagc acaagctaca acggtggaac ttggtcgtac 420  
 ggcgatatct gggccggcgg ctggttctgg gcggataact cgcggagctg tgtgcatcct 480  
 gtcaagagag atgcactgcc tgttgcttcc gttcctgttg gggatatcaa tgctgaaatg 540  
 aacggtacca cccttgctga tgggatgagc caggctggca gtcgactatg gctggatttc 600  
 agtccgacga g 611

<210> 27301  
 <211> 533  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27301  
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 taccgctcgt ggtagcaatt taccctaaag tcctacgcac ggcctttgtt ctgctgaacc 120  
 tgcaattgcc cgattcccat ctcatcagcg aatttcgcgc aacaatcacc tcccttggcc 180  
 gtgaatccgc aacgctcggc cttaccacta gcctcttcaa tgacatgctc tatttcact 240  
 ggcgcgtcac gcatgatttc cccgaggtca ttgcgttatg ccgcgagatg gaagtcactg 300  
 gtgcgcagcc caacatcggc acgatcaata tacttgaggg tatcgtgcgc gagcgcaatg 360  
 aagacctcgt gaagcgtcag tcgggcgaga cctcggagca gccatggtgg gatttccccg 420  
 ataatcggag ggctatgcgt aaattgttag gggaggacgg gatgcttgag aggttcagga 480  
 ggcaatatcg cgaaggcaag gagagaaaga agatttgga gccgtacctc taa 533

<210> 27302  
 <211> 777  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27302

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gccgagaaga ccggtgctt caccaacgtc gatcgacga tgcacctgag ccgcaaggcc 120  
gtcgaccgc caggagaagc taaagctgat ctgcacatat tcctcgattt tgcgcaaagg 180  
atggacttta ggaataggga cgggggtccg ttgatcccg tcacgaatcc cgaggaggtg 240  
tttgaagaat ggaagaagat gtcctacggg cgcccccttg actgcagcga cctcacgtat 300  
gagaagttgt ccggcgggtc tgggatccag tggccatgta caaaggagta cccgtttggt 360  
aaggagcggc tcttcgacga tggcaagtgc ttcacggaca ccgactactg tgagagctac 420  
ggccacgacc tggagaccgg gacgccgtg acgaaggggc aatacgaggc gatgaatccc 480  
gccggacgcg cgatattaaa ggcagcgcgt tatcggaagc cgtgggaatc gccagacgag 540  
gaatttccat ttacctctc gacaggccgg aacgtattcc atttccacac ccggacgaag 600  
acaggtcgca gcaagaggct gcagaatgct gacaaggatg cctgccttgt catctgtcag 660  
gcagatgcag atgagctcgg cgtcacgaat ggggagatgg tgattgtcag atcaaggagg 720  
ggccagggtg agctgcctgt aaagaccgag gggatcctaa gctgggtctc cctatag 777

<210> 27303  
<211> 329  
<212> DNA  
<213> Aspergillus nidulans

<400> 27303  
gatgctgctc gatgtaccgg ggaatcacia gcggtctctg gcttgaacgc aggccagctg 60  
tgatggctgc taagcgtctt tttgagagcc accccttctt catcgtcgac tgggggtattg 120  
aatgcgctaa acagctctat tggaactggc gcacaggcat taaggctcca gacttgcaat 180  
tcacctgctg ctagggaaga cccgagccat gactggggcc gagcaggagc gaccgcggcg 240  
ttctcacaca tcgccgacgc agtcattgca aggaataaaa atggagattg aactgggtcaa 300  
cacgagcccg aatagacaca gtctgaag 329

<210> 27304  
<211> 282  
<212> DNA  
<213> Aspergillus nidulans

<400> 27304

atgcctaaca acaattgggtc ttccaacacc tctccaacg actccgggtgt cacgggcgcc 60  
gctaaattcg tcacatccac acttggtaac actgtcggcg gcgtctccaa gaccttgggg 120  
ggcgttacgg gcgccgaac tcgcggactg ggcgatacag tgaacagtgc taccggtagt 180  
tcggggaggc ctgttggcga tgctctggga aatgtgggga cgggattgga ggatggactt 240  
aaaaggttgg gaggggggtcg aggatgcggg acaggggaat aa 282

<210> 27305  
<211> 226  
<212> DNA  
<213> Aspergillus nidulans

<400> 27305  
cggaaaacat cgatggtact ggttcggcct tcgccgagac caaacaccat ttaaagggt 60  
ttgagcgggg gagagatata tcgggtggat ggtgcgttga tggagatggt cagttcattc 120  
tcttctcagg acgggaggct gtggaaaagc ataattcttt tgctcagagt gaggggttca 180  
aagagtttgg ccgtatcaga gactatgtcg aggaagttga gataaa 226

<210> 27306  
<211> 249  
<212> DNA  
<213> Aspergillus nidulans

<400> 27306  
atggcgcca taattatgat ggccaggagt cgacatatcc agagtgactt gttccaactc 60  
ggcagctttt tctgacgga gagctatatg aaactttatc atcttgaaag gcggcgccac 120  
aggacctcta atccagccat ctggggctct ctggagccgt tcgacagtga cataaccaaa 180  
atcggcagcc acgacattga cgaaacaagc aatgacaagg gagagtgttc ccgcgagaaa 240  
agagagtga 249

<210> 27307  
<211> 505  
<212> DNA  
<213> Aspergillus nidulans

<400> 27307  
gcgatacgtg ccacgaacaa gctggtcgct cactatgagc aacgtctgag caaggttccc 60

tcggcgagcg agctcgaaga agggaagacc ctcatccagg agctgacaac gagtgtgaag 120  
gatggtcagg agcatgaggt ttcgttccag gtatgcctcg gttatgtctt gtttgtatat 180  
atattatcga tgatacgatg actctgacct gactatgggt tcaggcggag atcgagaggt 240  
taaaaatgga gttgtccact tcgaaagacc tcgagaaagg ttatgctgag aagatcgggc 300  
tcattggagat ggaaatcggg ggattgcagg ttgacaagca gacagcgaga aaccagattc 360  
attgcttgga gcagaggagg gaggagctct ccaaagggt gatggaactg acttcgactg 420  
tgcaaggagc gaagaaggcg gttcacgatg ctaagggtga actggccgct gcgtattcta 480  
ggttgctggc tgggatcaag gaaaa 505

<210> 27308  
<211> 579  
<212> DNA  
<213> Aspergillus nidulans

<400> 27308  
atgtatatca gttcgcggat ggacatgatc gaggctttgc gaaccaaaga acgccttggg 60  
gtaaaggatc cccgcaaaaa aaccgcggtt aagctgcgta ttaagacaag cggtgactac 120  
tttcgtatta atacgatttt gaagcggata agccatctag attatgtgaa tgatatcgac 180  
caggttctta agaacgcggg aagggaacgg tcgcagcaaa tacaggccga gatcgagtcg 240  
ttgaacaaag tgaggaacgc aaaagagatc gtcgaaataa atgagattat tctttggatt 300  
ctgtacggca gggagtggct gaaacctaag cagggtggctg cggtgctgta cgtccagagt 360  
ggtgagctgt cgcttttgac gctcgaggca aagttgcagc tcaagtatac gctttttgaa 420  
gttgatagtg acggggatgt ggattttcgc tcctacgaga ttgtcgactt gattcctgag 480  
ggagatcagg gccagctttc aacagcggaa aaacaccgtc aaacaacaaa gagaatattg 540  
cccgaggaaa tcgatatcat acgccacttc cttcgaact 579

<210> 27309  
<211> 317  
<212> DNA  
<213> Aspergillus nidulans

<400> 27309  
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ctcccaggtc cggtcctgga cagcgcgccg aaagcgagcg ttcacggcag tgttcacggc 120  
 agcattctag gcaccgccgc cgatataaat gatccatctt atttgtggac catgtatggg 180  
 ctgaacacat cggaggaata caagtacttt caggagccgg ggaatgacga gatccacgcc 240  
 cattatgact cgcgtttctt caaagatccg gttcctaaag agcaccgttc gcaagtcttg 300  
 acacatatca tccattc 317

<210> 27310  
 <211> 255  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27310

atggctctct tcgcccctgc cccacagcc tcgagcatct ggacctggcg ggagctgacc 60  
 ccctcgttag actccccagg atcggtcact tcgaacgaga gcgtggatct ctcccgaagc 120  
 gacgatctat catactttgt cgcggagatc gcgatgcgga aaatgctgca gcgctgcaca 180  
 tgggcgacga cacgctggcg cagggcagac acgtctacgc gcccatcgtc gccgtcgaac 240  
 ttgagcgcca attag 255

<210> 27311  
 <211> 224  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27311

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 gggttcagtc tgtcggatcc ggatgcgtga gcacgctcgg caccaccgtc tctgcagtcc 120  
 agtccgcaga gccggtggtg cgttggttca actgcagcag gaggtctgag ccccgccggt 180  
 aaagggcacc agcaggctgc caccaatcaa cggatatcaa ggctc 224

<210> 27312  
 <211> 255  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27312

atgagggggg gggggatttc gagggataga ggagtggtag aagtgagagg ggggaagatg 60

ggatgggaga gtgagtgggg gaagaaggga gtgtgccaaa gagggacgga ggatgaaaga 120  
 gaggggaaga gggagggcac gagtgaaagt ggattgaggg cacgtgggga gttcgtaggg 180  
 gtgagccgat ggaagccgaa ggggtgaagaa ggagtggagg gagatgggga aaaagaggag 240  
 aaggtggagg ggtag 255

<210> 27313  
 <211> 246  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27313  
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 atcacagtcc tagagatcaa ccaagatgag gtggatagcc ctgcccgcac aaacgatgta 120  
 gtattcaact ccaccactgg tgttgtaacc aaccagatgg gctcctttac acttgtagtc 180  
 gggacgaacc acggcctggg aaggattgca aacaccagaa tgagcatgat gcatcggcag 240  
 aagtag 246

<210> 27314  
 <211> 249  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27314  
 atgaagctgc tattcaactc tctctcgctg gggatatgact tgccaggcgt cctacgcgcg 60  
 agagaatact ccagaaatgt cgatgagcgt atccctgagg gcaaaacctg gttctggagc 120  
 gacttccgca ctcaaact tggtattgag tctaataatg gtgaagatgt cggccactat 180  
 agcgaaacac gggacgtgaa gatgtggagg gccaaactcag gatcatcgat ggcaccgcag 240  
 ccaggctga 249

<210> 27315  
 <211> 258  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27315  
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agggccttac tcacaagaat gtgcagcgta catcatcgtc cattttgttc ggcccactgg 120  
 cgggttgcaat cgacgtcgac gaactcagct ttgattatcc gttgactgta aatacaacct 180  
 tcggcgactt agatgacggc ctcaccatcg acgcttggat gcggagggga ctcagagttg 240  
 acccgagtgg cgtacccg 258

<210> 27316  
 <211> 396  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27316

atgtccgtaa accacgttca gcccgagcag tacttctctgc ccccgactcc gcacgttccc 60  
 aacagcaggc ttctgtact tgtgtaccgc aatgtcctgg aggatacaag tctctgcaac 120  
 atcgtaaaca ctatcgagcc gaatggctgg atcaagggtg ggagtgga gacgtacaag 180  
 gtgcctcact ttcacacca ttgccacgaa tgctatggaa tcatccgagg gggatcaacc 240  
 tatctccttg gggtcggccc caacgacccg aaggctcgac aggagggtag tccatatggg 300  
 atgaagttga ctgtccaaaa aggggatgtt tttgttctac cggttaagtgc tacttcaagc 360  
 aaatgcggaa tgcgtgacta caccggagga agctaa 396

<210> 27317  
 <211> 357  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27317

atagtccatg agcagccgga agatgagcca gtggatgatg gctggggcag catttggggc 60  
 tcttcaaaag ataagaagaa gtcaaagaag aacagaatcg ccgagagcc tccgccccct 120  
 gcgccacac ctcttccct agggctcgag cgggaattta ccagggactc cgagctcgag 180  
 agagaagacc ctatttggga cgattatgac ggcaagcccg taaagtcgaa gaaggaggag 240  
 accctgtta aagccgtcaa aggattctgg gccagcttgg gagcagctac tatgggaagc 300  
 agtaaaccaa aggccagcaa gaagaaatcc gaggagaagc ccagagaacc tgacccg 357

<210> 27318  
 <211> 378

<212> DNA  
 <213> Aspergillus nidulans  
 <400> 27318

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 ctccaaccaa gcaacaaata tccagcggtta gatacaatgt ccctccaagg caaagtctac 120  
 gccatcactg gcggtgcaag cggcatcggg ctcgcaaccg ccaagctcct ttcctcgcg 180  
 gggggcaccg tttgcatagc cgacgtcaac ccgaccactc tcgccgaagc agaatcctat 240  
 ttcagctcca agacaccggt cgtccaatac acaatcactc aagtagacgt ctccaacaga 300  
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<210> 27319  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27319  
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 agcggattgc aagtcgacct ccgtggccct ggcatccaag tgcttcgccc gatgaagcta 180  
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<210> 27320  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 27320  
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 agtggatcgc tgaggctaata gaagtcagaa catgcactgt cagtgccgcg cgctctcag 180  
 ttgttgtctc gcagggtcc acagacttta cctgtaaggc tatcaccctc ctgacccttc 240  
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ccctaggcgg aatcctctgc gcaaacctgc ctctctcgca caagctcgtc ttgagcgcat 360  
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 gcagctggta tcgctcgag aattacctcc accgaaaggc aaatcgaaat ctagagacta 480  
 gtacagatac ttactataca actcattcat atacagattc gaccgagatg ggtgggatcg 540  
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 aggaagagac aggagtgcc a g 621

<210> 27321  
 <211> 255  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27321

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 tccaaaggga aggaaagaat ggctgttgct aggaccaacg aatatgctga tagtgatggt 180  
 ggtgaaaatg aaggatatcat gatggatgct cttctgaata tggaaaagga ggcttctgat 240  
 acggacttcg actga 255

<210> 27322  
 <211> 357  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27322

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 atcaactcca atcctgatgg tggatgattt atatggctgg agaaccggg caacaacccc 180  
 aacgaggagt ggaagcaaca ttttattggg agatggccaa cgggtccaccg ccttgcatc 240  
 ggttacttta ccaaaggac gttccctgag gtcattgccg cgccggtagt acatgggcc 300  
 tacgataagg caagatccca gtggcataga gataccccg ttactaactt gctatag 357

<210> 27323  
 <211> 383

<212> DNA  
<213> Aspergillus nidulans

<400> 27323

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ccacggaaag gaatgccgga gtggaaatgg aagggcaccc ttgcggtcat cttgctgcag 180  
actattatta gcggtatgtg tgtcattatc ctgccccct caaccttact catttaacat 240  
gtgctagggt acgatgttag caatgtcgcg aatatccaag ctgcctgta tgagaccttt 300  
ggaaatatcg agcttctgcc ctgggtgggt ctgtcgtaca gtttggccaa ctttgcgctt 360  
atctcgctgt cccgcaagat ctt 383

<210> 27324  
<211> 1349  
<212> DNA  
<213> Aspergillus nidulans

<400> 27324

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cccagctact ggctggaata tatgccgctg ctggcagggt tcgtctttgc cggcgatcga 180  
ttccgcgcta aacagcctac gtacacgcta tataacgtgt ccagcggcat cgtgacagga 240  
acctcgcagc gtgggttcacg cgggtggatgc agacgcagga attccatgtc tcgcgagcc 300  
tcgtatattg ggaggtcgac aagacgcccc ggccccgggtg gatgtatttc atcgccccag 360  
ccctaattctc agctaccttc aatggcttcc tgcttgccat gacggctctg tctggcgact 420  
ggtagcgggtt tgcaataacg atagctatta tactcctcat catcgtgcgc gcatacatga 480  
ttcaggagaa ccgccacgca atcaataaaa ccgtcgcggc tgcaaagccc cttcctacca 540  
cctttgcagg cgcgctagaa gaatggaaag agaagcgcaa gagggatccg caggcgccgg 600  
cgctgcggcg ggactcgcga cagtggcgac cagaggtcgc caagatcctc gtcgtcatgc 660  
ctgattcgcg agccgtcacg atgtttatcc ccgagcatct cctgcgcgggt gtcttcgtca 720  
ccgagacgcc cgtccgggtca cccgggatct accggctgtt gcagtggacc ggctgggtgg 780  
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tcgcactgat ggtcattcca accgtcctga tatgctacgg ctatggttgt gacgactcta 900  
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acgagaagca gaggctcatt agggagcgcac cgccggatct gaaggccctc aaggaccgca 1260  
ttcaggatga gctcagagca ccaaggttca agcgcagagt ctcaaactgg cgggtataagg 1320  
atctagatgt tgaaaaaggg tttaagtag 1349

<210> 27325  
<211> 342  
<212> DNA  
<213> Aspergillus nidulans

<400> 27325  
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tatgcaactc cgagtatcgg ctctacaggg ccgggtgga ctgtgtccaa tcaagatccg 180  
ttaaggaagc agggcgcggc tcgagaaagc ggtatcatga ctgcgtcgaa catgcgacag 240  
gtgagcatgg gaagcgtcct tggccttgtt gttggagtgt gattaagggc gttctcgcgg 300  
gtattcgtgg tccttttcgg catggggatt atattggtcg ag 342

<210> 27326  
<211> 596  
<212> DNA  
<213> Aspergillus nidulans

<400> 27326  
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aaggccacta gaaaacctga tctcgccaac atgcgcagcg gcaactggcca gggctctgat 180  
attgtacggc tcaataaaat gctgaatggg cagatgttct acacgcaggt cgtcggccct 240

ctatccgagg cagatttcga cggaaaaccg tcgtcatctg atagccagga tgtttccatg 300  
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 gaatttagag acactcctga ggcaggcttc cggtcgacca tcacggctcg gctggcggct 420  
 agcgtgctc taccgaaagg ggatgttggt ctttctatga atgcctgggg atataggtta 480  
 gtactccgca gctattattc gggctcattc ggatgggcga catgggttgt tgacggttct 540  
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<210> 27327  
 <211> 231  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27327

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 ctctccatag ctggtagcat tgctggcctg attgtcctag ctgaagaact gttccacctt 120  
 gtatataagt tcaaagacgc gaaggagggc atccaaaaaa tatgcaaaga gatccagcct 180  
 ctcaagtctg ctttacgatt tatcattgct tgcaaaatca ttcgagtctg a 231

<210> 27328  
 <211> 387  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27328

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 ggctggcttg atctgtttga cggcgacaag aagatatgcg aactacactg ggataaccgt 120  
 gccgagcggc gctggaatga ctttgaagtg ctggagccgg atgagggcta tcgagttgag 180  
 tgttcggggg ggagtagcga gaggggtccg cttggccatg tctttgtgga tgtgagttaa 240  
 gcacggaagg aggaattgcg cagggagaag gagcttggcg ggctgagggt ctttgagggc 300  
 cctggggctc gcgagaagag tgtggacgtg gatgtggcgg aggaggttcc tgtgttgggg 360  
 gggttggggg ggatcgggtg gaagtag 387

<210> 27329  
 <211> 234



<212> DNA  
<213> Aspergillus nidulans

<400> 27329

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gcacagataa ccagaggaat gcaggaacct ctcgaaacaa gtcagggaga aaagcctcat 120  
ttgctgggtat atagttccgt ccttgtcttc accaccaagc cactgcaact cctcaaggca 180  
cgagcacaca agctaaacag gagtttgccg gggcgactgt tgggcaaaga atag 234

<210> 27330  
<211> 230  
<212> DNA  
<213> Aspergillus nidulans

<400> 27330

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gccatacatc ttcttgagga ccatcggaac ctaccttccg aagtactatt cgcggtatgta 120  
tgtacaaggc tcttgcatat gctatcaggt aacctatgca ttacaggtta ctttatgccca 180  
cagttagtta ccctgaaaac aactggcgt atgaggccca tgcttaatag 230

<210> 27331  
<211> 423  
<212> DNA  
<213> Aspergillus nidulans

<400> 27331

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agtgttgcaa tgaaccctgg tgctgcccgc accaaccttc tgcgacacgc cggatggact 180  
aagttttctca gttggccggt gctccatagt ccgaagctag ccgctctcac tgagctgtac 240  
gccggtttat cgccggatat caacctcgag aacaacgggt gttatgtgat tccatggggc 300  
cgcatccata ccaactgtgc ccccatctg atgaatgcgc tgagggtcaa acaagccggt 360  
ggaactggaa gggcgagca gttctgggat ttttgcgatg acaagaccaa ggattatcat 420  
taa 423

<210> 27332  
 <211> 423  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27332

atgtcaatcc gagaaagact gcttgcaact gtttcgaaat acattgccgc gtacaacgag 60  
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 ccgacctgca agtttactca gagtatggag gaacacacga gacatatgat gttatcgcca 180  
 ggagtgtttc gatcagtc aa tgccagcatt gtggacgaca acattacggg tgttgatgag 240  
 gtgtcaagac aagttgtcgt gaagggtgaaa atcagggtgtg aaacgacggg tggaccctac 300  
 gagaacgaag caatgtttat aatggctatg aatgaggagg gagctctggg ggatgagatc 360  
 tttagttct tggacacagc ccgttttcgc cagttccagg gacgcctcga ggaggctcaa 420  
 taa 423

<210> 27333  
 <211> 297  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27333

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 cgagatgtcc ccatgggcat cgattccacc cgcctaggtt ggatgggcgt gcttcgttgg 180  
 aaagcatgga tccgcctagg ctgtcccgag tgtgagcgag gtgtgagtgt cgcccatggg 240  
 catcgacacc ttgcggctag gaactggaac gagacgggtg gcaaagattt cgagtag 297

<210> 27334  
 <211> 351  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27334

atggtcgacc aggggttgaa atcgtcgacc aggtccgaga cttcatcgac cgtgtccgag 60  
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 gaccaggacg gcggaacct cgaccaggac gatgaatggg cgatgaaaat ctatcgggtt 180

cgaggaatgg tgcgacagaa gttgaaatcg tcgaccgggt ccgagaattc gtcgaccagg 240  
 ccgaggagtg gtcgaggatt tgtcgaccag gagttgaaat cgtcgaccgg gaccgagaat 300  
 tcgtcgacca ggacggcgga accctcgacc aggacgatga atgggcgatg a 351

<210> 27335  
 <211> 309  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27335

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 tatgaaggcg gcatggtcct ggagtatctg cctctacctg agcgtgaccg tctgtgtgca 120  
 actaaacggg cagtaacgct ggcggagtgg aaagcttttt tccagatcct gcagtttcgc 180  
 tgtggcgctc tcttgctggt gctgatgctg gctactaatg tttttcttta tccggggctg 240  
 attgatgccg tcgtcggcag tgttccactc ggtttcaggg gtgggctgaa tcgggttttt 300  
 ggtgtataa 309

<210> 27336  
 <211> 276  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27336

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 aaaccagagg gagagacagg acggaaagct ggtactggtg aagacgaaaa aggaagagcc 180  
 ctgaagcttc cctccgcgaa atggcgacta ggaggttggg gagtaagaca cgagaacgaa 240  
 tctacggaaa ggaacgaaaa gagcactggg ggttaa 276

<210> 27337  
 <211> 333  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27337

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tacgatgagt acggaatgt cttccgcaa gttcgcaagc tctggggccg tatcgatgca 120  
ctatgcgcca atgcgggcat tgtcgatact tcgtccgtct atatatacga ctggaagaac 180  
aggagcgttg atgacattcc tccggccccc gagttggatg tcgtggacat caactataag 240  
ggagtaatct acggcactca attggcgact cacttcatga gacataatcc tcgacctggc 300  
ggtcgcattg tggtcactgg cagtattgga gcg 333

<210> 27338  
<211> 256  
<212> DNA  
<213> Aspergillus nidulans

<400> 27338

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cttcactcta accaaacctg gcagccgact attgctgtag cgtaacaata gacttgctcc 180  
tagcatgtct acgagccacg ctggcagcag gaaataactt tttcccatat agttggcaga 240  
caactgggtg cactaa 256

<210> 27339  
<211> 348  
<212> DNA  
<213> Aspergillus nidulans

<400> 27339

atggccacct acggacgaaa tgcctcaag aggcatgaga agatcctcac aggctcgtct 60  
gacatcggtg tgcgcgattt gtatctgtta gaacaaacgg cagctaataa gctatcagga 120  
aacgtcagct acatcatgcc cacactccac gctataattt ccatcccagc aacgaatgga 180  
tcgttccttc accatccgtc gtttgctcgt gctgcaggga cagacgaagc tcacgaagag 240  
gcgctgggtg tgggcaagac cctcgggttg gttggctggg aaatgctcac aaatgatgag 300  
ctgttcgagc agtccaaaag ccaatggcag aaatgcgtga atgaatag 348

<210> 27340  
<211> 816  
<212> DNA  
<213> Aspergillus nidulans

<400> 27340

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ccgtcattgt ctcagtttcc gagcgccaac caaaccccca ggcttcccac tccccgaac 180  
tcgccagagg aaacgcatcc ccatatcatg agtgcggaag agaacgaaat tcttgcgcaa 240  
gagtctacgc ggctgactga atctggcgat gatttcgctc caacgatcac ctcactcctg 300  
aacgaatata ccgacagaat gaagcaaata cagaggcgga gactagctga acagaaaagga 360  
gaacatgaga tactttatgc aaaacttaga agacaaaaag actcagcgct gtctgggtctg 420  
aagcaggcgc aagatcttac caccagatac aagcaggaac ttgacgcaaa agtcattgaa 480  
gaggagcagc tcaactgagaa gatgaaaacc ctagagaagc tgcttgctga gacagccacg 540  
caacattcag aactaagaa ggcgatatgt gagaaagagg aaatatggaa ttctgtcatg 600  
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aaacagcagc tagaggggac caatgcttca attgccgagg aaagagctat cagtgcacaga 720  
aacctctcag aactcgcttc tgtgagagac aaactagctg agggaaaaagt ccagcgagcc 780  
gccgtcgaac gcagggtgaa cgagcaagtc gataga 816

<210> 27341

<211> 243

<212> DNA

<213> Aspergillus nidulans

<400> 27341

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gcgctcacia acccatcgaa ggaattgtcg gaggagggtc gggctctcgt tcaggacctc 180  
cgaatcatca ttgaagaggc caagaaactt atccttagca agaacgacgg gcagttgttt 240  
tag 243

<210> 27342

<211> 688

<212> DNA

<213> Aspergillus nidulans

<400> 27342

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gtgtggaccg gcagcaagaa cggaacgcg atccagttcc cttccatagg ctccaaccag 120  
aacgtccaga cgcactcgga gaagcccaag atgtcaacgc cctcttcctc ctccaggatcg 180  
gcctccaact ccggcacctc gacgcctgta ccgttcgacg agaagaccct cacttcagtg 240  
aggacacgcg ccgcggggcga acaccgcaga gacacgactc gccccttcgg ccgcgccttc 300  
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tttatgggtg tcatcagcac tgtctggcgt ctcatgggcg tgctgtccgg cctcctcgtc 420  
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gggtgtcgccg ttgtcatcac cacgaaatgg gctgtcatgg gccgccgcac agagggccag 600  
tatcactggg acaaatgcag ttataaccag cgctggcagt tctacctgac cgtggaaacg 660  
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<210> 27343

<211> 309

<212> DNA

<213> *Aspergillus nidulans*

<400> 27343

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accaagatg ggaccgggat cgagaccgcg accgcgaccg cgacagagac cgaccgcttg 180  
accgtgatcg tgaccgagag cgcacatcgc tggatcgaga tagagaccga gatattcggg 240  
acatcgatag acgcgatagg gaccgtgatt tggatcgccg agatagattc gatcgccgtg 300  
acgaattag 309

<210> 27344

<211> 246

<212> DNA

<213> *Aspergillus nidulans*

<400> 27344

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gcgaagtgc cacacaaggt gcgtccgctg ctgctgtttc tgctgattgt tccgttctgg 120  
accaactcat taattcgat ctacgggctg aaaattttcc tcagcaccaa aggctatctc 180  
aacgagtttt tgctctggct gggcgttatc gacacaccaa tccgtatcat gttcacgccc 240  
agtgcg 246

<210> 27345  
<211> 342  
<212> DNA  
<213> Aspergillus nidulans  
<400> 27345

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cttgggcata aactcgggcg tttccagaaa accatattct gtcacactca gctctgtgac 180  
tgtcggggcg gacgtatcgc ctcgaggtgc caggcaggct acatgatagc cattctctct 240  
cgtgctgcga aaaaaatctt gggctccac gggtatgagg ttttcgagac tgcgatgact 300  
gctcacatac aggtagcaac cggatgaacat actacatctt ga 342

<210> 27346  
<211> 807  
<212> DNA  
<213> Aspergillus nidulans  
<400> 27346

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gagacgagcg atatcgattt gcaagaagca cgtaccaga acgacttgcg tctgaagtcc 120  
atctttgagg ggattttcga aaagtacggt cgggatttta cagacgtcgg cgacgagatc 180  
gaccttcaga caggaagat cacggtaaac aacgggcaca tcgatgcact cgaggtggaa 240  
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gcagaaagga cggattatga gggcaagccg gcgcgccttg cccttgacgc cgatgcgtgg 360  
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tcccaccaat accagggccgc acatactgag agactcgatg agactgtgga ccccatattgg 720  
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<210> 27347  
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<212> DNA  
<213> *Aspergillus nidulans*

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gagacaatcc ccaaggcggc gagtttgagg ggaaatgagg acattgaggc gaggaatgcc 540  
gtggaggaga aaccccagga agtggctcctg aaggggaacc caatgatgtt caaacgcgtg 600  
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<210> 27348  
<211> 468  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27348  
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accagttatt ctgtcacctg cgctgactcc gtcacaacaa cctgcaatgt cgacagcggc 180  
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 ggcacccgct cactcaccaa cacctctttg aatcccagcc aaccaatgct aatatccatt 300  
 tcttgcttca gcaccggcag cgttctctgc acacacaacg ccaaaacggg aacgtgctcg 360  
 ctcggtatgg acggcgagtt ctttgccacg agcaccgaac ctgttctttc gtatgaagtc 420  
 accatcacgc aaacagagac cggttcgccg tcgacttcga aatctccg 468

<210> 27349  
 <211> 1033  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27349

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 ccagaactcc ttcccgaaac gtttgtgaac agtacaatgg acggtccgta tactggaccc 180  
 catagcgccg atttctctgc cggcgccctgt cttcttctcc acggcggggt gttcatggat 240  
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 tgcacgcctt tcaatgtctc tgtaccctgg atgtatggaa caacaatggc gaaccatttc 360  
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ctttgagccc taa

1033

<210> 27350  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27350

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gatccgtcgt ttgatccaca gcaatatcgc aatattcata atttctatgc gaatgcgaac 180  
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tatectttga tgccattatc gtcagtacat tcacaaatgc gtcccaacca ggcgtcaacg 360  
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cagtcacaaa gattgaacgg gcttcacgct caagatgagc gtcccgccat catctctacc 660  
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<210> 27351  
<211> 396  
<212> DNA  
<213> Aspergillus nidulans

<400> 27351

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agaggagcag ccgaaggaac ggggtcagag cacttacatt gtctcagact tgcagaaagc 180  
acaaaagctg gaatcagatg aaaatatcag tgaagacgat gataaatgga tggaagagac 240  
gctcgagacg aagcaggcca agaatcgaga atcgagaact cgagatgttg ttcgttgcac 300  
gaggaaggaa cgaccgactg cgggaagctt ggaccaccgc atcccgccta gccctgatct 360  
ctactgtact ggtactgtag agctactcga gagcag 396

<210> 27352  
<211> 672  
<212> DNA  
<213> Aspergillus nidulans

<400> 27352  
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agctccgtgg gatctagccc cggaacccc gaagaagcca tcgcagaaga tgaaaactcg 180  
cctcctggca ccatgccgag gtctccattt gtctgccgac tttctttcgg tgcccaggcg 240  
ctgcgagatg cccgcgctgg aagcatcggc aacggtagat accatctctc cccccctgta 300  
tcacctgcca ctggaaagcg ccggacagcg tcgtctgccg gtctctccag ccctacaacc 360  
aacacaggtg ctccagtatc attatctgca agtacatata acggtcttcc ccagaacgat 420  
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accagcacc gccggtctgc atccgttgcg tccctggatc tgcccgcacg ggaaatgcc 600  
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<210> 27353  
<211> 348  
<212> DNA  
<213> Aspergillus nidulans

<400> 27353

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gatgtgagta cgacggagat tgatattctg attgatccgc aatggcctga tagcaaaaca 180  
tctggagggtt gcccgcgcgc gattattgtg agtgctgcgc cgtaccctgg tgagggcttg 240  
aggattgttc ggagaagcag cctacaattt atcccaaaag acgcgagtaa taccttgcac 300  
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<210> 27354  
<211> 731  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27354

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ggtttaattc aatcattgcg tgacggatta ctctgacctg cagagctgat ttggttttta 180  
ggacgatacc gcaaccacct acagcatgac ctgtgcggct tcttatgaca acgaggagga 240  
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ggatgaaggt gacgcgtagt acgctttcca attgcattgt caccacagct tggacattat 360  
acctgacacc cgccagttcc ttcagcgggg agtgcaccgt cgacggtacg acggctgcct 420  
gtacaggcag tgcaaccggg tcgggtgatg gtcttctgc gtcgcaaact tacaagacct 480  
acgcccaata tgtgcctgtg actataactg caggctcaat cactgatgcc acggctgcgc 540  
ttactgcaac gtcgatggcc gaggaacgg gtactgctgc gcaggcctca cccactgcga 600  
gcgaagccgc cgaagagacg gctgatggat ctggagcaga agcgactccc acaggtgcgg 660  
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cggctctctg a 731

<210> 27355  
<211> 1182  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27355

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 gtgaatatca tggacttgag cttggcccgg gctccagagc ccaaatectc caacggtgag 180  
 gtgtacacga tgccggttcc gaactttctt tcattagaaa cagaggagtt caaccagag 240  
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 aatgatgaga atgttgtcca atccaacgca cgtataatac gctgggagga tggatcttta 360  
 acgcttcaac ttgcatcggc acccaaagaa caatataaaa aagacacgaa acctcttggt 420  
 cctcttgaca agtcgggaga ctacgacagc aagttggatt ctcatgtata tttaggagca 480  
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 gacccggagc ttgccaagcg gcaggcagag ctcgcggaac gcgagaagtt aaaagcggca 720  
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 caccgaccg ggggtgccgg acttacagtg ggggggctgg aagatgatga cggcctcctc 840  
 gcgacaaggc ctctgcaaaa gaagtcacgc cgccctaacc gtagaggcga gatcttctact 900  
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 cccagggaaa agcgagcttc ccctgacgca agacctgcgg taggggtctcc cccggctagg 1140  
 aaaaagaacc gctatgttgt ggatgatgat gacgaggagt aa 1182

<210> 27356  
 <211> 593  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 27356

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 cagggaccac aagcagcgtc actcccgcca cttctgcgga cgaagccgtt gagcaggtgg 180

ctgaaaaggc gaaggagctg gccaaagaca ttggggccgt ccccgccgag gataagaatg 240  
acgtcctgt gcagaatggc acacataccg acgaggacaa ggaacgtggt gctgagcaga 300  
atccccgtgt cgacgagaag cccgagccag cattggagct gctgtccagg ccggatggcc 360  
cggaagccga gccggctgtc gctgtctccg agaagcccg atcgaacggc gtcacacccg 420  
agcaggctcc ggtcgctgaa ccgacatcga cccaggtaa gtctgacaca cccgctgtcg 480  
aggaaaagtc gaagcctgtc ccggaaccgt tggatcgacc agatgtcgcg gctgacgaga 540  
aatcatccgt ggccgagccg gcgacaactg aagtcgcgcc tcaagcaccc gtt 593

<210> 27357  
<211> 422  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27357  
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gttctgctct gcaataaccg actaatctgg gattgtagat gacctctccg agagacaagt 180  
ctattactgc gacaaataca gcgccgggct ctgcgcttgc ttctgccgct acaacaagta 240  
tgattactac aagtgcgctc cgaattactg ccagtgtac aacgtgtacg caccggactg 300  
ctattacgcg tactactact actcgtctgg tggctatcct tcgccagcgg agtatgaagt 360  
ccaccgcct aagtaccgcg actgtccgcg gtatocatac tgtagcgagc ggccgtacac 420  
ga 422

<210> 27358  
<211> 447  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27358  
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ggctctggat acacgttgga taaggccgtt cccctgccta aaggcgtgga cccggacaag 180  
cgcaaggcaa cgctctttgc ttacagcaac aatggaaaag gctgcgtctt cctcgacaac 240

aacgtcggaa agaagcagta catgtccatc aaggtatgca aagtcggggg taaaaactgc 300  
gacagcgaca ctggctcctt tagccaatac gcggggcctg tctatgtgtc aagctttgct 360  
tgtgcgccgg ttaccgcgaa gatgggctct tcgtcgagca atttgtatgt gaactataag 420  
aatgactatg ttttccttg taattaa 447

<210> 27359  
<211> 408  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27359

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caggagccaa acgtttcaag gcagagcttc agctatgagc ctgcagtgtt tcctcagtct 180  
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catccggagc agcaaacctg gatagaaaac ctgattcaag acagcagccc tagaacctac 300  
attcccagtt ttaccggctg gggagaattt gactcgctgg ctctcacagg cctgggagag 360  
ttaggtcaca tattctcatc caatgatcta ccggatttcc ggggttaa 408

<210> 27360  
<211> 285  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27360

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tggagggcaa atgcacagcg gtcacatca ttttctgaat acggccgact tctgaaagag 180  
ttacatcgca agtatggggt tgctgtgcgt ctggggccgg ggttcgtgag ttttaagcgaa 240  
gtgggggata ttacaagagt ttatcatact ctgctccagg acgag 285

<210> 27361  
<211> 438  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27361

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cggatcgaga gaaaccgtac agagaggagc agtgccgaga gacagcgtgc tgagaggaat 180  
aaggttgaga agagtcacgc cgtgaatagt attgctgaaa aataccgcgc tgagaaacag 240  
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tctagaaaag ccctgttccc gcagtcaggc ccttctgctg cgagcaagaa gcccagcca 360  
gtcatcacta aatccagaca tggctctggc aaatacaagc ctgtggccca gtggccgtca 420  
ccggaacctt tggagatg 438

<210> 27362

<211> 405

<212> DNA

<213> *Aspergillus nidulans*

<400> 27362

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tccaaagata cttcggcgca attagtcggc tcaatgactg acgctctctt tcaaacctg 180  
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actcgaaact ctcttccac acttgcgacg cagaatgaca accctccggg tggattatc 300  
gacgggggtc tctctcaacg aattggagca aggcggagta aaccatctcc caatgaaatg 360  
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<210> 27363

<211> 302

<212> DNA

<213> *Aspergillus nidulans*

<400> 27363

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tagttcgatt acggaaccgg ggaatactct cgatctcctg tcggagtctg cgcataatca 180



aaggattgtt cagaaggaag aagaacacag agacaaaagc cttcgttata atctgaatgc 240  
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 cg 302

<210> 27364  
 <211> 443  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27364

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 gggtcagagg agcccggtatt tgggtggcggg gggtacaaca gggtccttca cgggtggttta 300  
 ggtgatgatt ttgattctcc tgggtggtttt ggctcgccgg attatgtttc tagacagcaa 360  
 gaggagattg tgaggatgaa gatggctcag agacagcgaa tggctgctgc tcagtacttg 420  
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<210> 27365  
 <211> 326  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27365

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 gcctcagtct gagctcccta aatacctgga taatgtttcc gtgtttgtgg actagcctgg 180  
 tgtaattcat ctgataagcc catcccactc cgcggggccc aatatattgt agggaaatgc 240  
 agagactgat gtcagcaata cagatagaga aaatcgtcac cgatgaggct gaggctgagc 300  
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<210> 27366  
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<212> DNA  
 <213> Aspergillus nidulans

<400> 27366

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gatccggaac aaagtattct cttgacctcg tcgaaaggga gtagcagcct tgtgttgcg   180
caagcacgag gaaatagcca atccaccacc aatcttcaga cttcggaaca ggggtgcagaa  240
gcgttgaaga aggaccgcca gtacccccca tatcgatttg caatcaattt gaaaaattgg   300
tggatgggtct tgaatgggta cggaaccctt tttaccgaaa agaaaatgtc ttggcgccct   360
taa                                                    363
  
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<210> 27367  
 <211> 383  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27367

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cgtgggggaa acaatgatgc aagattcgga agccgtattg atatcgaga aattactgac  180
aaagcaggta aggaatatcg acgtacaaa ttccagttca atttgaacgc ggagattcca  240
ctctcaagaa aaaggccgct caagattccc acgaggggta ttcgaccgca gatgtggaga  300
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<210> 27368  
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 <213> Aspergillus nidulans

<400> 27368

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acgaattctg gcgccattgc cggtgggtgc gtcgggtggtg tcgcgggcct tgctctgatt  180
  
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gcactacaa gtgactctgc ccctggccac gatacaaaag agcacgccgg attcttccag 300  
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<210> 27369  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27369

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atccccgcaa actacggcct atgcgtgttc ttcagattgg tggacaattg ctccagtgcg 180  
aaggaagaaa cagccgctgt gcacgaactt gcacagttgg gcttggttgt ctcccagggg 240  
cagaactatg cgcttggaga cggcgtctgg ggatgggcca ggatcatctt tgcgtatccg 300  
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<210> 27370  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27370

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tgggtgggga gtccgataaa tggggattcg atcgttaggg ctgtaaacgt gccgagaaaag 180  
cccgcccttg taggcgggtca cgggtgttgt gagggcgatc atggactctg tgacgatggt 240  
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<210> 27371  
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<212> DNA  
<213> Aspergillus nidulans

<400> 27371

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tctcaaaaa cctcgattga cattgttcac cacctgaagc aaggcctcgc cgtgaccttg 180

agcgagatac ctgacctcgc cgcgaccatt gctccagtc cgaattctca ccgcaaggac 240

ctggagctac gcatcggggc caattcgggc gtccctttca aggtcgtgga tcaaacaaag 300

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gctgcgtttc tgcaggtcaa tattattgat ggcggagtta tcatcgcgat ctcatggcac 480

cattcagtat gtgatgcgag aggcattcagt atcctgatcg atgcctgggc caggcataca 540

gcgacgtcgc tagcaaacgg caaacccgat ctgcctgcga caccagcaga gggcagccgt 600

gatcggtggc gattagatca cggcctgcga gaggttacta ttgaccaact tcccgaatac 660

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<210> 27372

<211> 486

<212> DNA

<213> *Aspergillus nidulans*

<400> 27372

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gccagggatt gggaagttac tcttgaggtt gttttgctg ccgcgtcgga gcctgctgag 180

gtgggtgata ccggcttata tctgacagat ccgccggttg aagtagctag tcaagcgatc 240

gtcgcgattc cgaccggcga caaggcctcg ggaaaacgtc cacaggttga cgactccaag 300

gagaagaaaa ggaagaagaa gaagaagaag aagaaggcag cgaaaaggga ggacaagcct 360

cctatTTTTTg aggataaggc tgcttcggcg aatctcctca gaaagtgcgc gagtagccta 420

cttccggctt cagatactct actggagtct agaaagtacg ctgagacggc gtcacatttt 480

ctaagg 486

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 <211> 219  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27373  
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 cgcgtgatga actgccccga ccgcacaggt cattcagatt cagaggtaca ttaccatcac 120  
 cagggcgtgc acccaaacgc cactgaacgc cccggctaca gcggcgatgg tctgctggt 180  
 aaagcgaaac gaacatatgc aaactcccc ggactatag 219

<210> 27374  
 <211> 436  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27374  
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 ctttggtccc tctagctcca gctccagcgc ggtgggtacc ttcaagacc agatcaagag 180  
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 cactagagcc tccccgtaca ctccatacac cggcaacggc ggcacaacat gcacggtaac 300  
 tgactatgct ggcattcctt cggcgggtgc atcctgctcg aacatcatgc tctcggacgt 360  
 gtacgccccg ccctccagca ccattgacct tcaggatctg cagaccgggg cggcgggtgat 420  
 ctttgcgggg aagacg 436

<210> 27375  
 <211> 444  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27375  
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 agtctgcgca aggagctttg ctatgaaagt gcgttttgcg aggatatcgt cgagctgagc 120  
 attttgagac gctgtgaact ggacaatctc tcgctgcaca gcgtcaagaa tatggagcaa 180

accctgagta tcggaacga cgatagaaaa gaggtgcaaa aatggcaggt gtgcacggga 240  
cagctgatcg gtagctggga tctggcttgc agccctaaaa cttegcgta ggcaggtcaa 300  
ggtagaaaat aaggtctcgt agatttcctt cagctgggcg ccatgaaagt cggatgatgct 360  
ggtcgtagcg aagtccggag tgaagcgcg gaccaggcta tcgtacagac tcacgacttc 420  
gaccgccgcg ttagggggag gaat 444

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<211> 212  
<212> DNA  
<213> Aspergillus nidulans

<400> 27376

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ggctgttcaa tatgaacacg cctgccgaat acaagcaggc ccagacgctg agcgaagaga 180  
tcacaacaat cacagaggat ctcatgtcat aa 212

<210> 27377  
<211> 264  
<212> DNA  
<213> Aspergillus nidulans

<400> 27377

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gatgacacgc gggcttggtc gaagcataat acggttgctg aggagcgggt ctggatgcgg 180  
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ccggatatga agaagcagca atag 264

<210> 27378  
<211> 267  
<212> DNA  
<213> Aspergillus nidulans

<400> 27378

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ccagttcaat acgacctcac gtatcaggag ctggcgagca tcgtcaaccg tcaggcctgg 180  
tggctggctg agtgtcttca tgggaaagcc agagacgtca ccatcgcgta cagtcctta 240  
atctctattg gtcattcct gactaa 267

<210> 27379  
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<212> DNA  
<213> *Aspergillus nidulans*

<400> 27379

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tcagagggag aagaaagcga tacagaagcg ggaggtgtac gcctacgtga aaagaagcgc 240  
ggacagcgtg atgaatatga gaatgactca gacgatgatg gcaattacat gaaccaagaa 300  
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<210> 27380  
<211> 225  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27380

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acagcttttg ggtatgtttg taaagctatc gtggatggat tgcgctggac cctaattttt 180  
gctacagttt actcattact acgcattctc agctattgtg gtctt 225

<210> 27381  
<211> 322  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 27381

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 cccactggta gcgaggtact tggattatac ccttaacccg tcctctcgca tactgtatac 180  
 gatagacgat tctaacgagg tattacaggg ctgctggggc tgctgccagc ccaatgccat 240  
 cgctgagaag gttgccgaag gcgacagtga cgtttgcatt gccgtttgcc aggagaagaa 300  
 gcctgagtgt cctgcaggag ag 322

<210> 27382  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27382

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 cagtcaatcg gcatcaacca gaccactca gaacccgatt cgactgggtg tgtctggacg 180  
 tgtttgagaa gacctcggc ttccagagcg gacgggcctt aa 222

<210> 27383  
 <211> 342  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 27383

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 gttccaacag tgaaccgcca gtccgagacc cgcgcaccta gtcgccggtc tcagggtgag 180  
 cgggagctga aagcctcgct aagcgaagag acgctatcag accgggagat ggatcacgcc 240  
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<210> 27384  
 <211> 306  
 <212> DNA  
 <213> Aspergillus nidulans



<400> 27384

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tacggtcgca gataccgccc tgtggcgtgt acgccgttcg agtcagggtgg acgacatgcg 180

tggtgggtgtg attgccagca aaagacgttc aaggacatgc tgaccggacg ggtttttgggt 240

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gagtga 306

<210> 27385

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 27385

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aacattgaag gaaacctgac agcgggtcaag acgagcgta ttgtatcccg aaacgcagtc 120

agcatcacgg cgattgcaga agtctggagt cgcgtgatgg cgattacatc gggcattatc 180

cgccttctac ctgtgaacta catgtag 207

<210> 27386

<211> 255

<212> DNA

<213> *Aspergillus nidulans*

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gatgggagtc aggagaaagc agtgccggtt gttgaaggcc ggattgtgct tgtgggcat 120

gcgacggcga catgggcaa ggggggattc gacgctgaga ctgtgcatgc tgttaccctg 180

gccagtctgg acggcgagtt tgcagatggt atggcaacgg agcaggtcat tgcgtccttg 240

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<210> 27387

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27387

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cgcatcgaga cgccgtgatt cagcagggcg tgattgtggg atgtcaggca gattcggact 180  
tcacattcag gaaccggcac cggctgagca tagacgggtca tctttgagga cgccaggtcg 240  
aacattcggt ctgccgggtgc tgcggccccg ggtgcctatg gagctggcaa agaaagatcg 300  
aacgagacaa tgttacttgt gaggggggta attccagtgg tattatga 348

<210> 27388

<211> 422

<212> DNA

<213> *Aspergillus nidulans*

<400> 27388

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cggtagagaa ggacggcaat acgtcgaaca cggaaatacc taagggtggaa gacaagccca 180  
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ctatccccggc tatggttacc gctgatgggg ctgcgtctgc tctaccggac ggacaactag 300  
agggtcaggg aagcgcaggg gaccaaatgc aaattgacca gaaaccaat actgagggcg 360  
aaccagctgc tacgaccgcg gattcacagc cggcggattc gcagcccgcg gtcctcccgc 420  
cc 422

<210> 27389

<211> 858

<212> DNA

<213> *Aspergillus nidulans*

<400> 27389

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ccacgcatgc tgtaccgtat tcttctgggt attgttctcc aagctctgca gcagctcact 180  
ggcgccaact acttcttcta ctatggtacc accatcttcc agggtgccgc tatctccaac 240

tctttcatca ctccaggtcat tctcggagct atcaattttg gaaccacctt tgggtggtctc 300  
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 tgtctctctg tcgctgtctt cgtggtctac ttcttcgtta ttgagggtaa agaccgaact 720  
 ctcgaggagc tcgactggat gtacgtcaac cacgtcaaac cctgggagag cagcaagtac 780  
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 cacgctgaag ttgcttag 858

<210> 27390  
 <211> 764  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 27390

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 ccctgatccc tggctcttga gacgcccata cccatctcag ctggaatgga ggcgatctcg 420  
 gccgattagg cgagttgggc gttgaagagc aactcttctt cacggcgcgg agtgcgcggt 480  
 gttttctgga ttcggggtat acgatgtaag ccttcttctt cttcttcttc ttcttcttcg 540  
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 tccgcgaaaa ggagactaga tgtagtcgtt cgcgatgcca tcaacgcggg agatatcccc 660  
 ggccctcggg atcttgcgaa cgggcaggag atggcgagga gagacggcca cctggtgccg 720

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764

<210> 27391  
<211> 282  
<212> DNA  
<213> Aspergillus nidulans

<400> 27391

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aagaggttgt ccaagggcaa atgcctacac tacggcgatc ctgaccactt tgtacaagag 180  
tgccctataa aacctaccag acgccctagg caggtggcca cagtccagga agaacaagac 240  
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<210> 27392  
<211> 886  
<212> DNA  
<213> Aspergillus nidulans

<400> 27392

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attactgaca agaaatgcat gggttcgcc atgggtgttta tatctacggg cgctctgacg 180  
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ccagtgccgt cgtgtacgtg gcatttcctt ccatgccga tataaaccgc cagtttaaac 420  
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acacgaagac gacgcaacct ggtacttctc acccgtggtc gcctggacat gcgccgagat 540  
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gagcggagtc tatgataaca cggttgatat tgggggtggg aggagtccaa gtcaggaggt 780

tctctggaac ggatacgggg accgaagtta tgggaatagg ggtaatggga gtccgagga 840  
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<210> 27393  
<211> 835  
<212> DNA  
<213> Aspergillus nidulans  
  
<400> 27393

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cgagagcggg tcgaggcgtg ccgcaatgtc gaggatatct ccgaggcaat taatctcgtc 240  
acgctgtcgc agcagaccgt tagcgagcgt tctactatg ttatagtgtt caataacttg 300  
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aatagtctct gtctgcttta tgggtatcgc tataccaggc tgggtgattt ggatgacctg 480  
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ccagctgata tcgatagagc tgtttattat gcacaaagaa cggtagattt gactagtcct 660  
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<211> 391  
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<213> Aspergillus nidulans  
  
<400> 27394

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agacttcgaa ctgagcttga ggacctcaca aacatcctcg gttcactggg agatgtaata 180

aatgcagaaa tgccaatggt ggctctgctt caaggtcctg ttgagcgatg caaccaacta 240  
 tgtcgtgaat ttgaactggc catggagaat ttcggtcgaa agtcaacgac aggctttcgt 300  
 gattgggcaa agatggagtt catgagaggc gacatcaacg aattaaatga taacattgcg 360  
 ggatacaagt caactatcaa tgttggattg g 391

<210> 27395  
 <211> 776  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 27395

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 taacttttgt agaacatgtg tcttagcaac atgcttgcca tgtctcaaga gctcggctgc 180  
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<400> 27396

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